Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/02/2019 10/02/2019	Corey Fujitani

LM Start		Rating **	Α	Issue No.		41	
LM End		Issue Type +	Ma	Location *			
Category Earthen Levee			GPS Latitude/Longitude				
Calegory				Start		End	
Item		s & Maintenai	nce		0		0
item	Manuals •						0
DWR ID DWR_NA0011_01_s _ 2012_41							
		Comn	nent Cod	de			
		Inspecto	or Comm	nent			
Madera Co	ounty has a	a copy of the (O&M Ma	nual on har	nd.		

No Photos

Rating ** Issue No. Α LM Start 43 Issue Type + Ма Location * LM End Earthen Levee GPS Latitude/Longitude Category Start End **Emergency Supplies &** Item Equipment DWR_NA0011_01_s _ 2012_43 DWR ID Comment Code Inspector Comment Madera County has emergency supplies.

No Photos

Rating ** Issue No. LM Start 44 Location * Issue Type + Ma LM End GPS Latitude/Longitude Earthen Levee Category Flood Preparedness & Training Item DWR ID DWR_NA0011_01_s _ 2012_44 Comment Code Inspector Comment Madera County Flood Control has plans to attend flood fight training this

No Photos

* Location

LS: Land Side N/A: Not Applicable WS: Water Side

year however is a few years removed from last training.

A : Acceptable M : Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated

C : Corrected

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.03	Rating **	U	Issue No.		9	
LM End	2.14	Issue Type +	Ma	Location * WS		WS	
Category Earthen Levee				GPS Latitude/Longitude			
Calegory	egory .			Start		End	
Item	Vegetatio	/egetation			73°	37.065960 °	
item				-120.4275	27°	-120.400093 °	
DWR ID	DWR_NA0	011_01_f _ 201	9_9				
Comment Code							
V1 : Control annual grass and weeds on the levee slopes and easements.							

Inspector Comment

Photo 1 of 1: FA_2019_NA0011_142_9_20191008_00030.jpg



View of vegetation on waterside slope looking upstream. (Fall 2019)

LM Start	0.04	Rating **	U	Issue No.		20
LM End	0.04	Issue Type +	Ма	Location *		LS
Category	evee	GPS Latitude/Longitude				
Category				Start		End
Item	Slope Sta	bility		37.0466	24°	37.046624°
пеш			-120.4273	17°	-120.427317°	
DWR ID	R ID DWR_NA0011_01_s _ 2014_20					

S1: Repair slope instability.

Inspector Comment

Comment Code

This is not a new erosion site, it should be repaired before the condition gets any worse.

LM Start	0.04	Rating **	U	Issue No.	20 (cont)
LM End	0.04	Issue Type +	Ma	Location *	LS

Photo 1 of 2: FA_2019_NA0011_142_20_20191008_00031.jpg



View of damage to landside slope. (Fall 2019)

Photo 2 of 2: FA_2019_NA0011_142_20_20190912_00008.jpg



There is damage to the landside levee slope next to the concrete inlet structure.

* Location + Issue Type Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence N/A: Not Applicable LS: Land Side : Acceptable : Minimally Acceptable N : Not Inspected/Rated WS: Water Side C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.05	Rating **	M	Issue No.		16
LM End	0.13	Issue Type +	Ма	Location *		LS
Category	Earthen Levee			GPS La	atitud	le/Longitude
Calegory			Start		End	
Item	Vegetatio	n	37.0466	73°	37.047013 °	
пеш			-120.4271	87°	-120.425702 °	
DWR ID	DWR_NA0	011_01_f _ 201	9_16			
		Comn	nent Cod	de		
V1 : Contro	ol annual g	grass and wee	ds on th	e levee slo	pes	and
easements	easements.					
		Inspecto	or Comm	nent		

No Photos

0.06 Rating ** Issue No. Μ LM Start 19 2.31 Issue Type + Ма Location * CR LM End Earthen Levee GPS Latitude/Longitude Category Start End Crown Surface / Depressions / 37.046732° 37.067958° Item Rutting -120.398828 ° -120.426922° DWR_NA0011_01_s _ 2017_19 DWR ID Comment Code

No Photos

C2: Repair depressions or ruts in the crown or slope.

Inspector Comment

LM Start	0.11	Rating **	M	Issue No.		17	
LM End	2.36	Issue Type +	Ma	Location *		LS	
Category	Earthen L	GPS Latitude/Longitude					
Calegory				Start		End	
Item	Animal Co	al Control		37.046890°		37.068730	0
item				-120.4261	-120.398670	0	
DWR ID	DWR_NA0	011_01_f _ 201	6_17				
Comment Code							

No Photos

A3: No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

* Location LS: Land Side

WS: Water Side

N/A: Not Applicable

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.24	Rating **	U	Issue No.		22
LM End	0.80	Issue Type +	Ma	Location *		LS
Catagony	evee	GPS La	atitud	e/Longitude		
Category				Start		End
Item	Vegetatio	n		37.0474	92°	37.053543°
item	item				'98 °	-120.417370°
DWR ID DWR_NA0011_01_f _ 2019_22						
		Comn	nent Cod	de		
V1 : Contro easements		rass and wee	eds on th	e levee slo	pes a	and
		Inspecto	or Comm	nent		

Photo 1 of 1: FA_2019_NA0011_142_22_20191008_00032.jpg



Looking upstream along the landside slope. (Fall 2019)

LM Start	0.28	Rating **	М	Issue No.	6		
LM End	0.30	Issue Type +	Ma	Location *	WS		
Category Earthen Levee				GPS Latitude/Longitude			
Category				Start		End	
Item	Encroachments			37.0478	12°	37.047963°	
item				-120.4231	55 °	-120.422898°	
DWR ID DWR_NA0011_01_s _ 2012_6							
Comment Code							
TD . Troo	or limb						

TR: Tree or limb

Inspector Comment

No Photos

LM Start	0.33	Rating **	М	Issue No.		8	
LM End	0.35	Issue Type +	Ma	Location *	WS		
Category Earthen Levee			GPS La	atituc	de/Longitude		
Category				Start		End	
Item	Encroach	ments	37.0482	23°	37.048467	c	
item				-120.422642 °		-120.422315	c
DWR ID	DWR_NA0	011_01_s _ 201	2_8				
		Comn	nent Cod	de			
TR : Tree or limb							
	Inspector Comment						

No Photos

* Location LS : Land Side WS: Water Side

N/A: Not Applicable

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.44	Rating **	М	Issue No.		11
LM End	0.44	Issue Type +	Ма	Location *		WS
Catagony	evee	GPS La	atitud	e/Longitude		
Category				Start		End
Item	Encroachi	ments		37.0494	55°	37.049455°
Пеш	-120.421218 ° -120.4212					
DWR ID DWR_NA0011_01_s _ 2012_11						
		Comn	nent Cod	de		
TR : Tree	or limb					
		Inspecto	or Comm	nent		
Remove th	e dead tre	e from the wa	terside s	slope.		



Remove downed tree from waterside slope.

LM Start	0.44	Rating **	U	Issue No.		23	
LM End	0.80	Issue Type +	Ma	Location *		CR	
Category Earthen Levee			GPS Latitude/Longitude				
Calegory			Start		End		
Item	Vegetatio	n		37.0494	50°	37.053540°	
пеш				-120.4211	65 °	-120.417372°	
DWR ID DWR_NA0011_01_f _ 2019_23						·	
	Comment Code						

V9 : Keep the crown roadway free of vegetation.

Inspector Comment



View along the levee crown looking upstream. (Fall 2019)

LM Start	0.53	Rating **	М	Issue No.		10	
LM End	0.53	Issue Type +	Ma	Location *		WS	
Category Earthen Levee				GPS La	atitud	e/Longitude	
Calegory						End	
Item	Encroachments			37.0503	35°	37.050335	C
item				-120.4199	65 °	-120.419965	C
DWR ID	DWR_NA0	011_01_s _ 201	2_10				
		de					

TR: Tree or limb

Inspector Comment

Remove the tree limbs from the waterside slope.

No Photos

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.62	Rating **	М	Issue No.		37	
LM End	0.62	Issue Type +	Ma	Location *		WS	
Category Earthen Levee			GPS La	atitud	e/Longitude		
Calegory			Start		End		
Item	Encroach	croachments			22°	37.051222°	
пеш		-120.418810° -120.				-120.418810°	
DWR ID	DWR_NA0	011_01_f _ 201	5_37				
		Comn	nent Cod	de			
TR : Tree	or limb						
	Inspector Comment						
Remove th	Remove the tree branches from the waterside slope.						

No Photos

LM Start	0.75	Rating **	U	Issue No.		21
LM End	0.75	Issue Type +	Ma	Location *		WS
Category Earthen Levee				GPS Latitude/Longitude		
Calegory			Start		End	
Item	Encroach	ments		37.05279	96°	37.052796°
item			-120.41764	₽1°	-120.417640°	
DWR ID	DWR_NA0	011_01_f _ 201	7_21			

Comment Code

TR: Tree or limb

Inspector Comment

Remove tree limbs from waterside slope.

Photo 1 of 1 : FA_2019_NA0011_142_21_20190912_00009.jpg



Looking west at tree limbs and branches on waterward slope. (Spring 2018)

LM Start	0.79	Rating **	U	Issue No.	25	
LM End	0.79	Issue Type +	Ма	Location *		WS
Category	Earthen L	evee		GPS L	atitud	e/Longitude
Calegory				Start		End
Item	Encroachi	Encroachments			329°	37.053329°
пеш		-120.417448 ° -120.41				-120.417448°
DWR ID	DWR_NA0	011_01_f _ 201	8_25			·
		Comn	nent Cod	de		
TR : Tree	or limb					
	Inspector Comment					
There is a	fallen tree	blocking the	waterside	e slope.		



tree limbs and trunks on waterside shoulder and slope. (Fall 2018)

* Location
LS: Land Side N/A: Not Applicable
WS: Water Side
CR: Crown

** Rating
A: Acceptable
N: Not Inspected/Rated
N: Not Inspected/Rated
M: Maintenance Deficiancy
CD: Corrected
OD: Design & System Obsolescence
CN: AW: Acceptable but Monitor & Maintain
En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.86	Rating **	М	Issue No.		26	
LM End	0.87	Issue Type +	Ма	Location *		LS	
Category Earthen Levee			GPS Latitude/Longitude				
Calegory				Start End			
Item	Trim / Thi	n Trees		37.054333 °		37.054460 °	
пеш				-120.4170	57°	-120.417043 °	
DWR ID DWR_NA0011_01_f _ 2016_26							
	Comment Code						
T2 · Thin to	roos to alla	w vicibility of	the grou	nd and roo	m to	flood fight	

T2: Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

Maintain the trees to allow visibility of the levee slope.

LM Start	1.04	Rating **	М	Issue No.		29
LM End	1.04	Issue Type +	Ma	Location *		LS
Category	evee	GPS Latitude/Longitude				
Calegory		Start			End	
Erosion / Bank Caving				37.0558	80°	37.055880 °
Item			-120.4146	28°	-120.414628°	
DWR ID DWR_NA0011_01_f _ 2018_29						
		Comn	nent Coc	le		

E2: Schedule repair of erosion site prior to the next inspection.

Inspector Comment

LM Start	1.04	Rating **	М	Issue No.	29 (cont)
I M End	1.04	Issue Type +	Ma	Location *	LS

No Photos



View of erosion looking upstream along the landside slope. (Fall 2019)

Photo 2 of 3: FA_2019_NA0011_142_29_20191008_00036.jpg



View of erosion looking up the landside slope. (Fall 2019)

* Location

LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown

** Rating

A : Acceptable N : Not Inspected/Rated M: Maintenance Deficiancy

M : Minimally Acceptable CR : Corrected Ob: Design & System Obsolescence

U : Unacceptable A/W : Acceptable but Monitor & Maintain

** Rating

A : Not Inspected/Rated M: Maintenance Deficiancy

Ob: Design & System Obsolescence

En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/02/2019 10/02/2019	Corey Fujitani

LM Start	1.04	Rating **	М	Issue No.		29 (cont)	
LM End	1.04	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS Latitude/Longitude			
Calegory				Start		End	
Item	Erosion /	Bank Caving		37.0558	80°	37.055880°	
item				-120.414628 ° -120.41462			
DWR ID DWR_NA0011_01_f _ 2018_29							
		Comn	nent Cod	de			
E2 : Sched	dule repair	of erosion site	e prior to	the next in	spec	ction.	
		Inspecto	or Comm	nent			



Erosion on landside slope. (Fall 2018)

LM Start	1.45	Rating **	С	Issue No.		7	
LM End	2.34	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee	GPS Latitude/Longitude				
Calegory				Start	End		
Slope Stability				37.059113° 37.0683		37.068344°	
пеш				-120.4088	80°	-120.398780 °	
DWR ID DWR_NA0011_01_s _ 2013_7							
	Comment Code						

S1: Repair slope instability.

Inspector Comment

Repair cut along the landside levee toe.

No Photos

LM Start	1.73	Rating **	М	Issue No.		24		
LM End	2.12	Issue Type +	Ma	Location *		LS		
Category	Earthen L	nen Levee GPS Latitude					e/Longitude	
Category				Start		End		
Itom	Vegetation			37.0616	85°	37.065827	0	
Item S 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4				-120.4051	65 °	-120.400365	0	
DWR ID DWR_NA0011_01_f _ 2019_24								
	Comment Code							

V1: Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

* Location

LS: Land Side

WS: Water Side

N/A: Not Applicable

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/02/2019 10/02/2019	Corey Fujitani

LM Start	2.26	Rating **	U	Issue No.		27
LM End	2.35	Issue Type +	Ma	Location *		WS
Catagory	evee		GPS La	atitud	e/Longitude	
Category				Start		End
Item	Vegetatio		37.0671	92°	37.068533°	
item				-120.3987	70°	-120.398663 °
DWR ID DWR_NA0011_01_f _ 2019_27						
		Comn	nent Cod	de		
V1 : Contreasements		rass and wee	ds on th	e levee slop	oes :	and
		Inspecto	or Comm	nent		

Photo 1 of 1 : FA_2019_NA0011_142_27_20191008_00035.jpg

View of vegetation on the waterside slope looking upstream. (Fall 2019)

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.00	Rating **	U	Issue No.		39	
LM End	1.67	Issue Type +	Ма	Location *		WS	
Category	evee		GPS Latitude/Longitude				
Calegory	Calegory					End	
Item	, Animal Control				85 °	37.060091 °	
пеш				-120.42742	23°	-120.405340°	
DWR ID	DWR ID DWR_NA0011_02_f _ 2015_39						
		Comm	nent Cod	de			

A1: Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

The levee section waterside is covered with rodent holes.

LM Start	0.00	Rating **	U	Issue No.	39 (cont)
LM End	1.67	Issue Type +	Ma	Location *	WS

Photo 1 of 2: FA_2019_NA0011_143_39_20190912_00026.jpg



Other rodent holes noted in the slope waterside levee section.

Photo 2 of 2: FA_2019_NA0011_143_39_20190912_00027.jpg



Active rodents spotted in the area waterside slope levee mile 0.00-1.67.

LM Start	0.00	Rating **	U	Issue No.		9	
LM End	2.02	Issue Type +	Ma	Location *	WS		
Category	Earthen L	evee		GPS Latitude/Longitude			
Category	Category			Start		End	
Item	Vegetatio	n		37.0455	39°	37.063958°	
пеш				-120.427440 °		-120.401133°	
DWR ID	DWR_NA0	011_02_f _ 201	9_9				
		Comn	nent Cod	de			
V1 : Contro	ol annual g	rass and wee	ds on th	e levee slo	pes a	and	
easements	easements.						
		Inspecto	or Comm	nent			

Photo 1 of 1: FA_2019_NA0011_143_9_20191008_00048.jpg



View of waterside slope looking downstream. (Fall 2019)

* Location + Issue Type LS: Land Side N/A: Not Applicable : Acceptable : Minimally Acceptable N : Not Inspected/Rated Ma: Maintenance Deficiancy WS: Water Side C : Corrected Ob : Design & System Obsolescence U : Unacceptable A/W : Acceptable but Monitor & Maintain En: Enforcement

NA0011

Flood Control Project Maintenance Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.03	Rating **	М	Issue No.	19		
LM End	1.66	Issue Type +	Ma	Location *		LS	
Catagony	Category Earthen Levee				GPS Latitude/Longitude		
Calegory				Start		End	
Item	Animal Co	ontrol		37.0456	23 °	37.059952°	
пеш				-120.4269	88°	-120.405448°	
DWR ID	DWR_NA0	7_19					
Comment Code							

A1: Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

Rating ** Issue No. 0.04 Μ LM Start 22 2.00 Issue Type + Ма Location * CR LM End Earthen Levee GPS Latitude/Longitude Category Start End Crown Surface / Depressions / 37.045627° 37.063718° Item -120.426788° -120.401358° DWR_NA0011_02_s _ 2017_22 DWR ID Comment Code

C2: Repair depressions or ruts in the crown or slope.

Inspector Comment

No Photos

No Photos

LM Start	0.21	Rating **	М	Issue No.		46	
LM End	0.21	Issue Type +	Ma	Location *		CR	
Category	Earthen L	evee		GPS La	titud	le/Longitude	
Calegory	Trim / Thin Trees			Start		End	
Item	Trim / Thi	n Trees		37.04653	33°	37.046533	0
item				-120.42376	62°	-120.423762	0
DWR ID	DWR_NA0	011_02_f _ 201	5_46				
		Comn	nent Cod	de			

T4: Trim trees over roadway to at least 12 feet above ground level.

Inspector Comment

Trim tree limb hanging over the crown roadway.

No Photos

* Location LS : Land Side WS: Water Side

N/A: Not Applicable

A : Acceptable M : Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.27	Rating **	M	Issue No.		21	
LM End	0.30	Issue Type +	Ма	Location *		WS	
Category Earthen Levee			GPS Latitude/Longitude				
Category	Category					End	
Item	Trim / Thi	Frim / Thin Trees			37°	37.047192 °	
item				-120.4228	15°	-120.422517 °	
DWR ID	DWR_NA0	011_02_s _ 201	2_21				
Comment Code							
T1 : Trim trees to at least five feet above ground level.							

Inspector Comment

No Photos

LM Start	0.29	Rating **	U	Issue No. 20		20		
LM End	0.44	Issue Type +	Ма	Location *	CR			
Category	Earthen L	GPS Latitude/Longitude						
Calegory	Salegory			Start		End		
Item	Vegetatio	n		37.0470	18°	37.048545°		
item			-120.4225	35°	-120.420575 °			
DWR ID DWR_NA0011_02_f _ 2019_20								

Comment Code

V9: Keep the crown roadway free of vegetation.

Inspector Comment

Photo 1 of 1: FA_2019_NA0011_143_20_20191008_00049.jpg



Looking along the levee crown looking downstream. (Fall 2019)

LM Start	0.29	Rating **	U	Issue No.	10		
LM End	0.93	Issue Type +	Ma	Location *	LS		
Catagory	Earthen Levee				GPS Latitude/Longitude		
Category				Start		End	
Item	Vegetatio	n		37.0470	18°	37.054440	0
пеш				-120.4225	35 °	-120.415937	0
DWR ID	DWR_NA0	011_02_f _ 201	9_10				

Comment Code

V1: Control annual grass and weeds on the levee slopes and easements.

Inspector Comment



Looking downstream along the landside slope. (Fall 2019)

* Location

LS: Land Side N/A: Not Applicable WS: Water Side

U : Unacceptable

: Acceptable : Minimally Acceptable

N: Not Inspected/Rated

C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.31	Rating **	М	Issue No.		13	
LM End	0.31	Issue Type +	Ма	Location *	n* LS		
Category Earthen Levee				GPS Latitude/Longitude			
Calegory			Start		End		
Item	Slope Stability			37.047266 °		37.047266 °	
пеш				-120.4223	93 °	-120.422393 °	
DWR ID	DWR_NA0	011_02_f _ 201	7_13				
Comment Code							
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.							

Inspector Comment

Photo 1 of 1: FA_2019_NA0011_143_13_20190912_00009.jpg



Vehicle access to levee slope should be prevented and erosion repaired.

LM Start	0.32	Rating **	М	Issue No.	28		
LM End	0.32	Issue Type +	Ма	Location *	WS		
Category Earthen Levee				GPS Latitude/Longitude			
Calegory			Start		End		
Item	Encroach	ments		37.0474	16°	37.047416°	
item				-120.4221	42 °	-120.422142 °	
DWR ID DWR_NA0011_02_f _ 2012_28							
	Comment Code						

TR: Tree or limb

Inspector Comment

Remove the dead tree limbs from the waterside slope.

Photo 1 of 1: FA_2019_NA0011_143_28_20190912_00020.jpg



Looking downstream at tree limbs on waterward slope and toe. (Spring 2018)

LM Start	0.33	Rating **	U	Issue No.	33		
LM End	0.42	Issue Type +	Ма	Location *		WS	
Category	Earthen Levee				GPS Latitude/Longitude		
Category				Start		End	
Item	Encroachi	ments		37.0474	85 °	37.048403°	
пеш				-120.4220	37°	-120.420810 °	
DWR ID	DWR_NA0	7_33					
Comment Code							

TR: Tree or limb

Inspector Comment

Remove the dead fallen trees from the waterside slope.

Photo 1 of 1: FA_2019_NA0011_143_33_20190912_00024.jpg



Dead fallen trees on the waterside levee slope and shoulder.

* Location N/A: Not Applicable LS: Land Side

WS: Water Side

: Acceptable : Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.35	Rating **	М	Issue No.		14
LM End	0.41	Issue Type +	Ma	Location *	WS	
Category	evee		GPS Latitude/Longitude			
Category				Start		End
Item	Trim / Thin Trees			37.047653°		37.048304°
пеш				-120.42181	ı3°	-120.420967 °
DWR ID	DWR_NA0	011_02_f _ 201	7_14			
Comment Code						
T1: Trim t	rees to at I	east five feet	above g	round level.		

Inspector Comment

Waterside tree branches hanging over crown interfere with crown access and waterside visibility.

Photo 1 of 1: FA_2019_NA0011_143_14_20190912_00010.jpg



Looking downstream at untrimmed trees on waterward shoulder and slope. (Spring 2018)

LM Start	0.52	Rating **	М	Issue No.		35
LM End	0.52	Issue Type +	Ма	Location *	WS	
Category	evee	GPS Latitude/Longitude				
Category	Category					End
Item	Trim / Thi	n Trees		37.0492	89°	37.049289°
пеш				-120.4195	42 °	-120.419542 °
DWR ID DWR_NA0011_02_s _ 2013_35						
		Comn	nent Cod	de		

T2: Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

Trim tree off the slope.

No Photos

LM Start	0.56	Rating **	М	Issue No.		16	
LM End	0.74	Issue Type +	Ma	Location *	CR		
Category	Earthen Levee				GPS Latitude/Longitude		
Category	y			Start		End	
Item	Vegetatio	n		37.0496	82°	37.051702	0
пеш				-120.4190	22 °	-120.417025	0
DWR ID DWR_NA0011_02_f _ 2019_16							
		Comn	nent Cod	de			

V9: Keep the crown roadway free of vegetation.

Inspector Comment

No Photos

* Location

LS: Land Side WS: Water Side

N/A: Not Applicable

A : Acceptable M : Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated

C : Corrected

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.56	Rating **	М	Issue No.		15	
LM End	0.56	Issue Type +	Ма	Location *	WS		
Catagony	Earthen Levee				GPS Latitude/Longitude		
Category			Start		End		
	Trim / Thi	n Trees		37.04972	3°	37.049723°	
пеш	Item				6°	-120.419026°	
DWR ID DWR_NA0011_02_f _ 2017_15							
		Comn	nent Coc	le			

T2: Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

Remove fallen trees and limbs from waterside slope.

Photo 1 of 1: FA_2019_NA0011_143_34_20190912_00025.jpg

No Photos



Looking downstream at bush pile on waterward slope. (Spring 2018)

LM Start	0.93	Rating **	М	Issue No.		34	
LM End	0.93	Issue Type +	Ma	Location *	WS		
Category Earthen Levee				GPS Latitude/Longitude			
Calegory	Category					End	
Item	Encroachments			37.0544	07°	37.054407°	
пеш				-120.4159	28°	-120.415928°	
DWR ID DWR_NA0011_02_s _ 2017_34							
	Comment Code						

TR: Tree or limb

Inspector Comment

Remove the prunings from the waterside slope.

LM Start	0.98	Rating **	U	Issue No.		27
LM End	1.52	Issue Type +	Ma	Location *	WS	
Category Earthen Levee				GPS Latitude/Longitude		
				Start		End
Item	Encroachments			37.0549	28°	37.058752°
item				-120.4154	82 °	-120.407323°
DWR ID DWR_NA0011_02_s _ 2017_27						
Comment Code						

TR: Tree or limb

Inspector Comment

Remove the dead trees from the waterside slope and shoulder.



Unit 2 Ash Slough Levee mile 0.98 waterside shoulder and slope.

* Location N/A: Not Applicable LS: Land Side

WS: Water Side

: Acceptable : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

A/W : Acceptable but Monitor & Maintain En: Enforcement

+ Issue Type Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.98	Rating **	U	Issue No.		27 (cont)	
LM End	1.52	Issue Type +	Ma	Location *	WS		
Category	evee	GPS Latitude/Longitude					
Calegory	Category					End	
Item	Encroachments			37.05492	28°	37.058752°	
пеш				-120.41548	82 °	-120.407323°	
DWR ID	DWR_NA0	011_02_s _ 201	7_27				
Comment Code							
TP · Troo	or limb						

TR: Tree or limb

Inspector Comment

Remove the dead trees from the waterside slope and shoulder.

Photo 2 of 2 : FA_2019_NA0011_143_27_20190912_00019.jpg

Levee slope and shoulder looking upstream waterside levee section.

LM Start	1.10	Rating **	U	Issue No.		1	
LM End	1.19	Issue Type +	Ма	Location *			
Category	ental	GPS Latitude/Longitude					
Category				Start		End	
Item	DWR Ero	sion Survey		37.0555	96°	37.055596°	
пеш				-120.4126	47°	-120.412647°	
DWR ID NA0011U02RM2.57							
	Comment Code						

Inspector Comment

Site ID: NA0011U02RM2.57

09/10/2019: No significant change observed.

09/20/2017: No significant change observed.

07/22/2016: No significant change observed.

09/08/2015: No significant change observed.

07/22/2014: No significant change observed.

08/30/2013: No significant change observed.

07/31/2012: Site was visited on 07/24/2012. No significant change observed. Dense vegetation around the site

08/09/2011: Site was inspected. No visible change was observed from the previous condition. A fallen tree was seen at the levee toe about 20 feet upstream, and tree root exposed. There has been no report from the district that this site was corrected.

11/30/2010: Site was not inspected due to time constraints. There have been no reports from the district that the site was corrected. Continue to monitor site during flood events.

08/05/2010: Recommended for annual assessment and monitoring during flood events, per CLRO.

2009: Site is recommended as a local maintenance issue, per Critical Levee Repair Office, Critical Erosion Sites Evaluation 2008 Report; site was previously rated "M"

9/6/2007: Undercutting of the toe; several trees along the WS slope with roots exposed.

Photo 1 of 3: SJR2019_NA0011U02RM2.57_2.jpg



View of the erosion site from the levee crest.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

LM Start	1.10	Rating **	U	Issue No.		1 (cont)
LM End	1.19	Issue Type +	Ma	Location *		
Category	Suppleme	ental		GPS La	titud	e/Longitude
Calegory				Start		End
Item	DWR Ero	sion Survey		37.0555	96°	37.055596°
пеш				-120.4126	47°	-120.412647°
DWR ID	NA0011U0	2RM2.57				

Inspector Comment

Comment Code

Site ID: NA0011U02RM2.57

09/10/2019: No significant change observed.

09/20/2017: No significant change observed.

07/22/2016: No significant change observed.

09/08/2015: No significant change observed. 07/22/2014: No significant change observed.

08/30/2013: No significant change observed.

07/31/2012: Site was visited on 07/24/2012. No significant change observed. Dense vegetation around the site

08/09/2011: Site was inspected. No visible change was observed from the previous condition. A fallen tree was seen at the levee toe about 20 feet upstream, and tree root exposed. There has been no report from the district that this site was corrected.

11/30/2010: Site was not inspected due to time constraints. There have been no reports from the district that the site was corrected. Continue to monitor site during flood events.

08/05/2010: Recommended for annual assessment and monitoring during flood events, per CLRO.

2009: Site is recommended as a local maintenance issue, per Critical Levee Repair Office, Critical Erosion Sites Evaluation 2008 Report; site was previously rated "M"

9/6/2007: Undercutting of the toe; several trees along the WS slope with roots exposed.

LM Start	1.10	Rating **	U	Issue No.	1 (cont)
LM End	1.19	Issue Type +	Ma	Location *	

Photo 2 of 3: SJR2019_NA0011U02RM2.57_1.jpg



Close-up view of the site.

Photo 3 of 3: SJR2019_NA0011U02RM2.57_3.jpg



Close-up view of the site.

* Location

LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown

** Rating

A : Acceptable N : Not Inspected/Rated M: Minimally Acceptable CR : Corrected U: Unacceptable A/W : Acceptable but Monitor & Maintain

** Rating

A : Not Applicable M: Not Inspected/Rated M: Minimally Acceptable D: C: Corrected Ob: Design & System Obsolescence En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

LM Start	1.10	Rating **	М	Issue No.		17	
LM End	1.13	Issue Type +	Ма	Location *	WS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory		Start		End			
Item	Trim / Thi	n Trees		37.0554	37°	37.055533	۰
item			-120.413392 °		-120.412863	۰	
DWR ID	DWR_NA0	011_02_f _ 201	7_17				

Comment Code

T1 : Trim trees to at least five feet above ground level.

Inspector Comment

Trim branches from waterside tree hanging low over the crown inhibiting crown access.

No Photos



Looking downstream at untrimmed tree on waterward slope. (Spring 2018)

LM Start	1.51	Rating **	M	Issue No.	25	
LM End	1.52	Issue Type +	Ma	Location *	WS	
Category	Earthen L		GPS Latitude/Longitude			
Calegory			Start		End	
Item	Trim / Thin Trees			37.0586	52°	37.058802°
пеш			-120.407638°		-120.407350°	
DWR ID	DWR_NA0011_02_s _ 2012_25					·

Comment Code

T4: Trim trees over roadway to at least 12 feet above ground level.

Inspector Comment

Trim the trees on the waterside slope levee miles 1.51-1.52.

LM Start	1.65	Rating **	М	Issue No.		26	
LM End	1.93	Issue Type +	Ma	Location *	CR		
Category	Earthen Levee			GPS La	GPS Latitude/Longitude		
Category			Start		End		
Item	Vegetation			37.0598	93°	37.062857	0
пеш				-120.4055	11 °	-120.402136	0
DWR ID DWR_NA0011_02_s _ 2019_26							
Comment Code							

V9: Keep the crown roadway free of vegetation.

Inspector Comment

No Photos

* Location N/A: Not Applicable LS: Land Side WS: Water Side

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.04	Rating **	U	Issue No.		19	
LM End	1.51	Issue Type +	Ma	Location *		CR	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	า		36.9965	43°	36.996602°		
item				-120.373043 °		3° -120.346627°	
DWR ID DWR_NA0011_03_s _ 2019_19							
Comment Code							
V9 : Keep	the crown	roadway free	of veget	ation.			
		Inspecto	or Comm	nent			
Keep the crown roadway free of vegetation.							

LM Start	0.04	Rating **	U	Issue No.	19 (cont)
LM End	1.51	Issue Type +	Ma	Location *	CR



View along levee crown looking upstream. (Fall 2019)

Photo 2 of 2: FA_2019_NA0011_144_19_20190912_00015.jpg



View of vegetation on levee crown looking upstream. (Spring 2019)

Photo 1 of 1: FA_2019_NA0011_144_3_20191009_00026.jpg

LM Start	0.04	Rating **	U	Issue No.		3	
LM End	1.51	Issue Type +	Ма	Location *		WS	
Cotogony	Earthen L	evee		GPS La	atitud	le/Longitude	
Category			Start		End		
Item	Vegetation			36.9965	43°	36.996607°	
пеш			-120.3730	43°	-120.346570 °		
DWR ID DWR_NA0011_03_f _ 2019_3							
		Comn	nent Cod	de			
V1 : Contre		rass and wee	eds on th	e levee slop	oes	and	
Inspector Comment							



View of vegetation on waterside slope looking upstream. (Fall 2019)

* Location
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

** Rating
A: Acceptable N: Not Inspected/Rated M: Ma: Maintenance Deficiancy
C: Corrected Ob: Design & System Obsolescence
U: Unacceptable A/W: Acceptable but Monitor & Maintain

** Rating
A: Acceptable M: N: Not Inspected/Rated M: Ma: Maintenance Deficiancy
Ob: Design & System Obsolescence
En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.04	Rating **	U	Issue No.		9		
LM End	1.51	Issue Type +	Ma	Location *		LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Calegory			Start		End			
Vegetation				36.9965	43°	36.996607°		
пеш			-120.373043 °		-120.346570 °			
DWR ID	DWR ID DWR_NA0011_03_f _ 2019_9							
		Comn	nent Cod	de				
V1 : Contreasements		rass and wee	ds on th	e levee slo	pes a	and		
		Inspecto	or Comm	nent				



View of landside slope looking upstream. (Fall 2019)

LM Start	0.05	Rating **	M	Issue No.		35
LM End	0.05	Issue Type +	Ma	Location *		LS
Category	Earthen L		GPS Latitude/Longitude			
Calegory			Start		End	
Item	Trim / Thin Trees			36.9964	68°	36.996468°
пеш			-120.3729	02°	-120.372902 °	
DWR ID	DWR_NA0	011_03_f _ 201	2_35			

Comment Code

T4: Trim trees over roadway to at least 12 feet above ground level.

Inspector Comment

Tree drags against vehicles as they pass by. Remove overhanging tree limbs.

No Photos

LM Start	0.05	Rating **	M	Issue No.		28	
LM End	0.05 Issue Type + N		Ma	Location *		LS	
Category	Earthen L	evee		GPS Latitude/Longitude			
Category				Start		End	
Item	Encroachi	ncroachments			42 °	36.996442	0
nem				-120.3728	48 °	-120.372848	0
DWR ID DWR_NA0011_03_f _ 2014_28							
Comment Code							

TR: Tree or limb

Inspector Comment

Remove the dead tree from the landside slope.

No Photos

* Location

LS: Land Side

WS: Water Side

N/A: Not Applicable

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.06	Rating **	М	Issue No.		18
LM End	0.06	Issue Type +	Ма	Location *		LS
Category	Earthen L		GPS Latitude/Longitude			
Calegory				Start		End
Item	Trim / Thi	Trim / Thin Trees			'8	36.996378°
пеш	item			-120.37273	8°	-120.372738°
DWR ID	DWR_NA0011_03_f _ 2014_18					
Comment Code						

T1 : Trim trees to at least five feet above ground level.

Inspector Comment

Trim tree to five feet above the ground on the landside slope.

DI + 4 (4 EA 0040 NA0044 444 00 00400040 00047

No Photos



Looking downstream at levee crown. (Spring 2018)

Photo 1 of 1: FA_2019_NA0011_144_20_20190912_00016.jpg

LM Start	0.08	Rating **	М	Issue No.	32			
LM End	1.51	Issue Type +	Ma	Location *	CR			
Category	Earthen L	evee		GPS Lat	ituc	le/Longitude		
Calegory			Start		End			
Item	Crown Surf		face / Depressions /		4 °	36.996613°		
item	Rutting	lutting			0 °	-120.346570 °		
DWR ID								
	Commant Coda							

Comment Code

C3: Add appropriate gravel or road base. Grade and compact.

Inspector Comment

Regrade the crown for proper drainage and add more rock to crown.

LM Start	0.08	Rating **	U	Issue No.		20	
LM End	0.08	Issue Type +	Ma	Location *		LS	
Category Earthen Levee				GPS Latitude/Longitude			
Calegory			Start		End		
Item	Encroachments			36.9962	04°	36.996201°	
item				-120.3723	52°	-120.372345°	
DWR ID	DWR_NA0	2_20					

Comment Code

PR: Prunings

Inspector Comment

Remove the prunings from the landside slope.



Looking at prunings on landward slope. (Spring 2018)

* Location

LS : Land Side N/A : Not Applicable

WS : Water Side N/A : Not A

** Ra

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated

C : Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.40	Rating **	U	Issue No.	6 LS		
LM End	1.51	Issue Type +	Ма	Location *			
Category Earthen Levee				GPS Latitude/Longitude			
Calegory				Start		End	
ltom	Animal Co	ontrol		36.99620	08°	36.996607°	
пеш	Item				50°	-120.346568°	
DWR ID	WR ID DWR_NA0011_03_f _ 2016_6						
Comment Code							

A1: Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

LMA should install rodent bait stations placed along the landside slope and/or shoulder at from LM 0.40 to LM 1.51. Unable to see the levee slopes during Spring 2019 inspection however did observe rodents running across the roadway.

LM Start	0.40	Rating **	U	Issue No.	6 (cont)
LM End	1.51	Issue Type +	Ma	Location *	LS

Photo 1 of 6: FA_2019_NA0011_144_6_20190912_00003.jpg



Looking at rodent hole on landward slope. (Spring 2018)

Photo 2 of 6: FA_2019_NA0011_144_6_20190912_00004.jpg



Looking at typical rodent holes within this section (Spring 2018)

LM Start	0.40	Rating **	U	Issue No.	6 (cont)
LM End	1.51	Issue Type +	Ma	Location *	LS





Looking at rodent hole on landward slope. (Spring 2018)

* Location
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

** Rating
A: Acceptable N: Not Inspected/Rated M: Ma: Maintenance Deficiancy
C: Corrected Ob: Design & System Obsolescence
U: Unacceptable A/W: Acceptable but Monitor & Maintain

** Rating
A: Acceptable M: N: Not Inspected/Rated M: Ma: Maintenance Deficiancy
Ob: Design & System Obsolescence
En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.40	Rating **	U	Issue No.		6 (cont)
LM End	1.51	Issue Type + Ma Loc		e Type + Ma Location *		LS
Category	Earthen L	evee		GPS La	titud	e/Longitude
Calegory				Start		End
Item	Animal Control			36.99620	8°	36.996607°
пеш				-120.36655	0°	-120.346568°
DWR ID	DWR_NA0	011_03_f _ 2016	6_6			·

Comment Code A1: Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

LMA should install rodent bait stations placed along the landside slope and/or shoulder at from LM 0.40 to LM 1.51. Unable to see the levee slopes during Spring 2019 inspection however did observe rodents running across the roadway.

LM Start	0.40	Rating **	U	Issue No.	6 (cont)
LM End	1.51	Issue Type +	Ma	Location *	LS

Photo 4 of 6: FA_2019_NA0011_144_6_20190912_00006.jpg



Continued rodent activity.

Photo 5 of 6: FA_2019_NA0011_144_6_20190912_00007.jpg



More active rodent holes but no rodents observed at this specific location.

LM Start	0.40	Rating **	U	Issue No.	6 (cont)
LM End	1.51	Issue Type +	Ma	Location *	LS





Berenda Slough Unit 3 landside shoulder and slope.

* Location + Issue Type Ma : Maintenance Deficiancy N/A: Not Applicable LS: Land Side : Acceptable : Minimally Acceptable N : Not Inspected/Rated WS: Water Side C : Corrected Ob : Design & System Obsolescence U : Unacceptable A/W : Acceptable but Monitor & Maintain En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.45	Rating **	U	Issue No.		10
LM End	0.45	Issue Type +	Ma	Location *		LS
Category	Earthen L	evee		GPS La	atitud	e/Longitude
Category				Start		End
Item	Encroachments			36.9962	24°	36.996224°
item				-120.3656	92°	-120.365692°
DWR ID	DWR_NA0	011_03_f _ 201	8_10			
		Comn	nent Cod	de		
TR : Tree of	or limb					
Inspector Comment						
Remove the dead tree from the landside slope.						

Photo 1 of 1 : FA_2019_NA0011_144_10_20190912_00010.jpg



View of dead tree on the landside slope. (Fall 2018)

LM Start	0.46	Rating **	U	Issue No.		5	
LM End	0.46	Issue Type +	Ма	Location *		CR	
Category Earthen Levee				GPS Latitude/Longitude			
Calegory			Start		End		
Item	Animal Co	ontrol		36.99623	88°	36.996238 °	5
item	em				3°	-120.365563 °	5
DWR ID	DWR ID DWR_NA0011_03_s _ 2018_5						

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

There is a large rodent hole on the crown of the levee.

Photo 1 of 1 : FA_2019_NA0011_144_5_20190912_00002.jpg



Looking at rodent hole on levee crown. (Spring 2018)

LM Start	0.71	Rating **	M	Issue No.		7	
LM End	1.51	Issue Type +	Ma	Location *	WS		
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Calegory			Start		End		
Item	Animal Co	ontrol		36.9962	52°	36.996607	, 0
пеш				-120.3610	63°	-120.346568	0
DWR ID	DWR NA0	011_03_f _ 201	6 7				

Comment Code

A1: Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

There should be bait stations placed along the levee to eradicate rodents.

No Photos

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR · Crown	II · I Inaccentable	AMM · Acceptable but Monitor & Maintain	En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.71	Rating **	М	Issue No.		8
LM End	1.51	Issue Type +	Ма	Location *		CR
Category Earthen Levee				GPS Latitude/Longitude		
Calegory	Category		Start		End	
Item	Animal Co	ontrol		36.9962	57°	36.996607°
пеш						-120.346568°
DWR ID	DWR_NA0	011_03_f _ 201	6_8			

Comment Code
A1 : Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

Exterminate rodents from the roadway. Active rodents observed during inspection at this site.

Photo 1 of 1 : FA_2019_NA0011_144_8_20190912_00009.jpg

Berenda Slough Unit 3 looking upstream from levee miles 0.71 - to 1.51.

Photo 1 of 1: FA_2019_NA0011_144_11_20190912_00011.jpg

LM Start	1.04	Rating **	U	Issue No.		11		
LM End	1.05	Issue Type +	Ма	a Location *		LS		
Category Earthen Levee				GPS Latitude/Longitude				
Calegory				Start		End		
Item	Trim / Thi	n Trees		36.9966	13°	36.996610°		
пеш				-120.3550	55 °	-120.354995°		
DWR ID	DWR_NA0	011_03_s _ 201	2_11					

Comment Code

T1: Trim trees to at least five feet above ground level.

Inspector Comment

Remove nut tree from the slope.



Walnut trees blocking the view of the landside levee section.

LM Start	1.07	Rating **	M	Issue No.		15	
LM End	1.12	Issue Type +	Ма	Location *	LS		
Category	Earthen L	evee		GPS La	atituc	le/Longitude	
Category				Start		End	
Item	Trim / Thi	n Trees		36.9966	18°	36.996608	0
пеш				-120.3545	38°	-120.353682	0
DWR ID	DWR_NA0	011_03_s _ 201	2 15				

10_10/10011_00_3 _ 2012_10

Comment Code

T1 : Trim trees to at least five feet above ground level.

Inspector Comment

No Photos

* Location

LS : Land Side N/A : Not Applicable

WS : Water Side N/A : Not

** Ra

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated

C : Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Maintain En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	10/02/2019 10/02/2019	Corey Fujitani

LM Start	1.09	Rating **	U	Issue No.		14	
LM End	1.09	Issue Type +	Ma	Location *	WS		
Category	Earthen L	evee	GPS Latitude/Longitude				
Calegory		Start End				End	
Item	Trim / Thi	n Trees		36.99661	8 °	36.996618°	
пеш				-120.35430)7°	-120.354307 °	
DWR ID	R ID DWR_NA0011_03_s _ 2017_14						
	Comment Code						

T2: Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

Branches hanging over crown are beginning to obstruct access.



Looking at untrimmed tree on waterward shoulder. (Spring 2018)

Photo 1 of 1: FA_2019_NA0011_144_4_20190912_00001.jpg

LM Start	1.24	Rating **	M	Issue No.		4	
LM End	1.25	Issue Type +	Ma	Location *	CR		
Category	Earthen L	evee		GPS Latitude/Longitude			
Category				Start		End	
Item	Slope Stability				82°	36.996582 °	2
пеш	em			-120.3514	82 °	-120.351258 °	2
DWR ID DWR_NA0011_03_f _ 2016_4							

Comment Code S1 : Repair slope instability.

Inspector Comment

Repair the slope instability and damaged shoulder at this location.

Berenda Slough looking back upstream waterside at the shoulder and slope.

LM Start	1.24	Rating **	U	Issue No.		17	
LM End	1.29	Issue Type +	Ма	Location *		LS	
Category	Earthen L	evee	GPS Latitude/Longitude				
Category				Start		End	
Item	Trim / Thi	n Trees		36.9966	32°	36.996600°	
пеш				-120.3514	63 °	-120.350539°	
DWR ID DWR_NA0011_03_s _ 2012_17							
	Comment Code						

T2: Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

Remove nut trees from the landside slope.

Photo 1 of 2 : FA_2019_NA0011_144_17_20190912_00013.jpg



Looking at cluster of walnut trees on landward slope. (Spring 2018)

* Location
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

** Rating
A: Acceptable N: Not Inspected/Rated M: Ma: Maintenance Deficiancy
C: Corrected Ob: Design & System Obsolescence
U: Unacceptable A/W: Acceptable but Monitor & Maintain

** Rating
A: Acceptable M: N: Not Inspected/Rated M: Ma: Maintenance Deficiancy
Ob: Design & System Obsolescence
En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	10/02/2019 10/02/2019	Corey Fujitani

LM Start	1.24	Rating **	U	Issue No.		17 (cont)	
LM End	1.29	Issue Type +	Ма	Location *		LS	
Category	Earthen L	evee		GPS Latitude/Longitude			
Calegory				Start		End	
Item	Trim / Thi	n Trees		36.9966	32°	36.996600°	
пеш				-120.3514	-120.350539°		
DWR ID DWR_NA0011_03_s _ 2012_17							
		Comn	nent Cod	de			
T2: Thin to	rees to allo	w visibility of	the grou	nd and roo	m to	flood fight.	
		Inspecto	or Comm	nent			
Remove nut trees from the landside slope.							

Photo 2 of 2 : FA_2019_NA0011_144_17_20190912_00014.jpg

Looking upstream from landside slope tree has blocked view of the slope and shoulder.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.01	Rating **	U	Issue No.		8	
LM End	1.49	Issue Type +	Ma	Location *		CR	
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Calegory				Start		End	
Item	Vegetatio	n		36.9955	03°	36.995580°	
пеш				-120.373417° -120.346			
DWR ID DWR_NA0011_04_s _ 2017_8							
		Comn	nent Cod	de			
V9 : Keep	the crown	roadway free	of veget	ation.			
		Inspecto	or Comm	nent			
Keep the crown roadway free of vegetation.							

Photo 1 of 2 : FA_2019_NA0011_145_8_20191009_00033.jpg
18 x0* 1000

Looking downstream from LM 1.49 at vegetation on levee crown. (Spring 2019)

 LM Start
 0.01
 Rating **
 U
 Issue No.
 8 (cont)

 LM End
 1.49
 Issue Type +
 Ma
 Location *
 CR

Photo 2 of 2: FA_2019_NA0011_145_8_20190912_00007.jpg



Looking downstream from LM 1.49 at vegetation on levee crown. (Spring 2019)

LM Start	0.02	Rating **	U	Issue No.		25	
LM End	1.60	Issue Type +	Ма	Location *		WS	
Category	Earthen Levee			GPS La	atitud	le/Longitude	
Calegory				Start		End	
Item	Vegetatio	n		36.9955	04°	36.996217°	
item				-120.3732	-120.344760 °		
DWR ID DWR_NA0011_04_f _ 2019_25							
		Comn	nent Cod	de			
V1 : Contre easements		rass and wee	ds on th	e levee slo	pes	and	
		Inspecto	or Comm	nent			



Looking downstream along the waterside slope. (Fall 2019)

*Location

LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

**Rating

A: Acceptable A: Acceptable M: Not Inspected/Rated M: Minimally Acceptable CR: C: Corrected U: Unacceptable A: Acceptable but Monitor & Maintain Enforcement

**Issue Type

Ma: Maintenance Deficiancy
Ob: Design & System Obsolescence
En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.02	Rating **	U	Issue No.		5	
LM End	1.49	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Vegetatio	n		36.9955	04°	36.995582°	
пеш				-120.373233 ° -120.34			
DWR ID DWR_NA0011_04_f _ 2017_5							
Comment Code							
V1 : Control annual grass and weeds on the levee slopes and easements.							
		Inspecto	or Comm	nent			

				xXX	
	2011 contin	Service of the last	Marca .	W.	1
				Wh.	
Mr.					
	100				, Line
			1		

Photo 1 of 2: FA_2019_NA0011_145_5_20191009_00035.jpg

View of vegetation along the landside slope looking downstream. (Fall 2019)

 LM Start
 0.02
 Rating **
 U
 Issue No.
 5 (cont)

 LM End
 1.49
 Issue Type +
 Ma
 Location *
 LS

Photo 2 of 2 : FA_2019_NA0011_145_5_20190912_00005.jpg



View of wild growth on landside slope and shoulder. (Fall 2018)

LM Start	0.02	Rating **	U	Issue No.		3			
LM End	0.97	Issue Type +	Ma	Location *		LS			
Category	Earthen L	evee		GPS La	atitud	e/Longitude			
Odlogory				Start		End			
Item	Slope Sta	bility	pility			36.995550 °			
item						-120.355935 °			
DWR ID	DWR ID DWR_NA0011_04_f _ 2016_3								
		Comn	nent Cod	de					
S1 : Repai	S1 : Repair slope instability.								
Inspector Comment									
The slope in this area has been damaged by farm equipment.									



Berenda Slough Unit 4 Looking upstream from levee mile 0.14-0.97.

*Location

LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

** Rating

A: Acceptable N: Not Inspected/Rated M: Maintenance Deficiancy

M: Minimally Acceptable C: Corrected Ob: Design & System Obsolescence

U: Unacceptable A: Acceptable but Monitor & Maintain Enforcement

* Issue Type

Ma: Maintenance Deficiancy

Ob: Design & System Obsolescence

En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.04	Rating **	М	Issue No.		20	_	
LM End	0.06	Issue Type +	Ма	Location *	WS			
Category	Earthen L	evee		GPS Latitude/Longitude				
Calegory				Start		End		
Item	Encroachments			36.99550)2°	36.995597	0	
пеш				-120.37283	33°	-120.372391	0	
DWR ID	DWR_NA0	2_20						
	Comment Code							

TR: Tree or limb

Inspector Comment

Remove the tree limbs from the waterside levee slope.

No Photos

LM Start	0.12	Rating **	U	Issue No.		19
LM End	0.94	Issue Type +	Ма	Location *		LS
Category Earthen Levee				GPS Latitude/Longitude		
Calegory				Start		End
Item	Animal Co	ontrol		36.9955	47°	36.995586°
item			-120.3714	10°	-120.356589°	
DWR ID	DWR_NA0	011_04_s _ 201	8_19			

Comment Code

A3: No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Photo 1 of 1: FA_2019_NA0011_145_19_20190912_00020.jpg



Looking at large rodent hole on landward slope. (Spring 2018)

LM Start	0.14	Rating **	U	Issue No.	15	
LM End	0.14	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
Category				Start		End
Item	Encroach	ments		36.99552	28°	36.995528 °
пеш				-120.37092	22°	-120.370922 °
DWR ID	DWR NA0	011 04 f 201	5 15			

TR: Tree or limb

Inspector Comment

Comment Code

There are many dead trees in the area. Remove the dead trees from the levee section. Many more are subject to fall and possibly block access to the levee crown.

Photo 1 of 1: FA_2019_NA0011_145_15_20190912_00016.jpg



Berenda Slough looking upstream from the levee mile 0.14.

Location LS: Land Side WS: Water Side

N/A: Not Applicable

: Acceptable : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type

Ma: Maintenance Deficiancy Ob : Design & System Obsolescence

A/W : Acceptable but Monitor & Maintain En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.22	Rating **	М	Issue No.		26		
LIVI Start	0.22							
LM End	0.22	Issue Type +	Ма	Location *		WS		
Category	Earthen L	evee		GPS Latitude/Longitude				
Category				Start		End		
Item	Trim / Thi		36.9955	33°	36.995533°			
пеш		-120.369593 °		-120.369593 °				
DWR ID	DWR_NA0	011_04_f _ 201	9_26					
		Comn	nent Coc	de				
T4: Trim t	rees over i	roadway to at	least 12	feet above	grou	und level.		
	, ·							
	Inspector Comment							
	·							

No Photos

Issue No. Rating ** 0.28 Μ 21 LM Start 0.28 Issue Type + Ма Location * WS LM End Earthen Levee GPS Latitude/Longitude Category Start End Encroachments 36.995564° 36.995564° Item -120.368540 ° -120.368540° DWR_NA0011_04_f _ 2012_21 DWR ID Comment Code

No Photos

TR : Tree or limb

Inspector Comment

Remove the discarded tree and branches from the levee slope.

LM Start	0.42	Rating **	М	Issue No.		9	
LM End	1.50	Issue Type +	Ma	Location *		CR	
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Calegory				Start		End	
Crown Surface / Depressions /		36.995572°		36.995613	0		
item	Rutting			-120.365980 °		-120.346358	0
DWR ID	DWR_NA0	011_04_s _ 201	7_9				
		Comn	nent Cod	le			
C2 : Repai	r depressi	ons or ruts in	the crow	n or slope.			

No Photos

Inspector Comment

* Location LS: Land Side WS: Water Side

N/A: Not Applicable

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.44	Rating **	U	Issue No.		22
LM End	0.44	Issue Type +	Ма	Location *	LS	
Category Earthen Levee				GPS Latitude/Longitude		
Calegory				Start		End
Item	Erosion / I	Bank Caving		36.9955	60°	36.995560°
item				-120.3656	14°	-120.365614°
DWR ID	DWR_NA0011_04_s _ 2018_22					

Comment Code

E2: Schedule repair of erosion site prior to the next inspection.

Inspector Comment

Someone dug a large hole on the landward slope next to the concrete riser. There is no visible pipe at the site.

LM Start	0.44	Rating **	U	Issue No.	22 (cont)
LM End	0.44	Issue Type +	Ма	Location *	LS

Photo 1 of 3: FA_2019_NA0011_145_22_20190912_00021.jpg



Looking west at large hole next concrete riser (no pipe) on landward slope. (Spring 2018)

Photo 2 of 3: FA_2019_NA0011_145_22_20190912_00022.jpg



Looking upstream at large hole on landward slope. (Spring 2018)

LM Start	0.44	Rating **	U	Issue No.	22 (cont)
LM End	0.44	Issue Type +	Ma	Location *	LS



Looking east at large hole next to riser (no pipe) on landward slope. (Spring 2018)

* Location + Issue Type Ma : Maintenance Deficiancy N/A: Not Applicable LS: Land Side : Acceptable : Minimally Acceptable N : Not Inspected/Rated WS: Water Side C : Corrected Ob : Design & System Obsolescence U : Unacceptable A/W : Acceptable but Monitor & Maintain En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/02/2019 10/02/2019	Corey Fujitani

		D (' ++		I N				
LM Start	0.47	Rating **	М	Issue No.		16		
LM End	0.47	Issue Type +	Ma	Location *	WS			
Category	evee	GPS La	atitud	e/Longitude				
Calegory				Start		End		
Item	Encroachi	ments		36.9956	603°	36.995603°		
item			-120.364978 °		-120.364978°			
DWR ID DWR_NA0011_04_s _ 2014_16								
		Comn	nent Cod	de				
TR : Tree of	or limb							
Inspector Comment								
This dead tree on the waterward slope should be removed from the levee section.								



Tree on WS shoulder.

LM Start	0.54	Rating **	М	Issue No.		33
LM End	0.57	Issue Type +	Ma	Location *		WS
Category Earthen Levee				GPS Latitude/Longitude		
Calegory		Start Er				End
Itom	Encroach	ments		36.9955	65 °	36.995553°
пеш	Item				79°	-120.363245°
DWR ID	DWR_NA0	NA0011_04_f _ 2018_33				
		_				

Comment Code

TR: Tree or limb

Inspector Comment

No Photos

LM Start	0.62	Rating **	М	Issue No.		23			
LM End	0.62	Issue Type +	Ma	Location *		WS			
Category	Category Earthen Levee				GPS Latitude/Longitude				
Category			Start		End				
Item	Trim / Thi	n Trees		36.995568°		36.995568	0		
item				-120.3623	55 °	-120.362355	0		
DWR ID	DWR_NA0	011_04_s _ 201	9_23						
		Comn	nent Coc	łe					

T4: Trim trees over roadway to at least 12 feet above ground level.

Inspector Comment

No Photos

* Location

LS : Land Side N/A: Not Applicable

WS: Water Side

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.72	Rating **	M	Issue No.		32	
LM End	0.72	Issue Type +	Ma	Location * WS			
Category Earthen Levee				GPS L	atitud	e/Longitude	
Calegory				Start		End	
Trim / Thin Trees				36.9955	77°	36.995577°	
пеш				-120.360438 °		-120.360438°	
DWR ID DWR_NA0011_04_f _ 2018_32							
		Comn	nent Cod	de			
T1 : Trim t	rees to at l	east five feet	above g	round level			
		Inspect	or Comm	nent			

Photo 1 of 1 : FA_2019_NA0011_145_32_20190912_00028.jpg

Trim branches on waterside shoulder. (Fall 2018)

LM Start	0.75	Rating **	М	Issue No.	ssue No.	
LM End	0.75	Issue Type +	Ма	Location *	WS	
Category Earthen Levee				GPS Latitude/Longitude		
Calegory				Start		End
Item	Encroach	ments		36.9955	82°	36.995582°
пеш				-120.3600	28°	-120.360028°
DWR ID DWR_NA0011_04_f _ 2018_31					·	
	Comment Code					

TR : Tree or limb

Inspector Comment



Tree branches strewn across levee crown and both shoulders. (Fall 2018)

		D (' **				
LM Start	0.78	Rating **	U	Issue No.		6
LM End	0.78	Issue Type +	Ma	Location *		WS
Category	evee		GPS L	atitud	e/Longitude	
Category				Start		End
Item	Encroach	ments		36.9955	82°	36.995582°
item				-120.359451 °		-120.359451°
DWR ID	DWR_NA0	011_04_s _ 201	9_6			
		Comn	nent Cod	de		
TR : Tree	or limb					
		Inspecto	or Comm	nent		



View of fallen tree on waterside slope. (Spring 2019)

* Location

LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

** Rating

A: Acceptable N: Not Inspected/Rated M: Maintenance Deficiancy

M: Minimally Acceptable C: C: Corrected Ob: Design & System Obsolescence

U: Unacceptable A/W: Acceptable but Monitor & Maintain

** Rating

A: Acceptable M: N: Not Inspected/Rated M: Maintenance Deficiancy Ob: Design & System Obsolescence

En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.94	Rating **	М	Issue No.		14	
LM End	0.94	Issue Type +	Ма	Location *	WS		
Category Earthen Levee				GPS Latitude/Longitude			
Category				Start		End	
Item	Encroachments			36.995573°		36.995573°	
itein				-120.356601 °		-120.356601 °	
DWR ID DWR_NA0011_04_f _ 2017_14							
Comment Code							
TD . T	a u Illaa la						

TR: Tree or limb

Inspector Comment

Remove the downed tree from the waterside slope.



Looking upstream at fallen tree on waterward slope. (Spring 2018)

LM Start	1.01	Rating **	U	Issue No.		12	
LM End	1.01	Issue Type +	Ма	Location *		WS	
Category	Earthen Levee			GPS Latitude/Longitude			
Calegory				Start		End	
Item	Trim / Thi	n Trees		36.9955	37°	36.995537 °	
пеш				-120.3552	61 °	-120.355261 °	
DWR ID	DWR_NA0	011_04_f _ 201	7_12				

Comment Code

T1: Trim trees to at least five feet above ground level.

Inspector Comment

Branches from waterside tree are blocking visibility of waterside slope and crown. Levee crown is nearly impassible.

Photo 1 of 1 : FA_2019_NA0011_145_12_20190912_00012.jpg



Trim trees to at least 5' above levee slope and 12' above levee crown to allow inspection and access.

LM Start	1.19	Rating **	М	Issue No.		10		
LM End	1.19	Issue Type +	Ma	Location *	WS			
Category	Category Earthen Levee				GPS Latitude/Longitude			
Category	Jory			Start		End		
Item	Trim / Thin Trees			36.99556	6°	36.995566 °		
item				-120.35203	8°	-120.352038 °		
DWR ID	DWR_NA0	011_04_f _ 201	7_10					
Comment Code								
T4 · Trim t	rooc ovor	roadway to at	loact 12	foot above	aroi	and lovel		

T4: Trim trees over roadway to at least 12 feet above ground level.

Inspector Comment



Looking upstream at tree on waterward slope. (Spring 2018)

* Location

LS : Land Side N/A : Not Applicable

WS : Water Side N/A : Not Applicab

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated

C : Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/02/2019 10/02/2019	Corey Fujitani

LM Start	1.36	Rating **	М	Issue No.		18			
LM End	1.36	Issue Type +	Ма	Location *		WS			
Category	Earthen Levee			GPS Latitude/Longitude					
Calegory				Start		End			
Item	Trim / Thin Trees			36.99559	93°	36.995593°			
пеш				-120.34892	26°	-120.348926 °			
DWR ID	DWR_NA0011_04_s _ 2018_18								
Comment Code									
T1 : Trim trees to at least five feet above ground level.									

Inspector Comment

No Photos

1.39 Rating ** Issue No. М LM Start 1.39 Issue Type + Location * WS LM End Earthen Levee GPS Latitude/Longitude Category Start End Vegetation 36.995576° 36.995576° Item -120.348348° -120.348348 ° DWR_NA0011_04_f _ 2017_7 DWR ID

No Photos

Comment Code
V4 : Elderberries are blocking visibility and flood fight capability.

Inspector Comment

	LM Start	1.50	Rating **	U	Issue No.		11	
	LM End	2.28	Issue Type +	Ma	Location *		LS	
Category	Catagory	Earthen L	GPS Latitude/Longitude					
		Start		End				
Item	Animal Control			36.9955	90°	37.003740	0	
		-120.3464	06 °	-120.336877	0			
	DWR ID	DWR NA0011 04 f 2016 11						

Comment Code

A1: Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

Exterminate the rodents and backfill and compact the burrows or grout the burrows in this area.

Photo 1 of 2: FA_2019_NA0011_145_11_20191009_00037.jpg



Several large rodent holes along this section of levee. (Fall 2019)

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

+ Issue Type

En: Enforcement

A/W : Acceptable but Monitor & Maintain

U : Unacceptable AA

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Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/02/2019 10/02/2019	Corey Fujitani

LM Start	1.50	Rating **	U	Issue No.		11 (cont)	
LM End	2.28	Issue Type +	Ma	Location *		LS	
Category	Earthen Levee				GPS Latitude/Longitude		
Calegory	tegory					End	
Item	Animal Co	ontrol		36.9955	90°	37.003740°	
пеш				-120.3464	06°	-120.336877 °	
DWR ID	DWR ID DWR_NA0011_04_f _ 2016_11						

Comment Code

A1: Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

Exterminate the rodents and backfill and compact the burrows or grout the burrows in this area.

Photo 2 of 2: FA_2019_NA0011_145_11_20190912_00010.jpg



Large rodent holes along this section. (Fall 2018)

LM Start	1.50	Rating **	U	Issue No.		30
LM End	2.28	Issue Type +	Ma	Location *		WS
Catagory	Category Earthen Levee				titud	le/Longitude
Calegory			Start		End	
Item	Animal Co	ontrol		36.9955	90°	37.003740°
пеш				-120.3464	06°	-120.336877°
DWR ID	DWR_NA0	011_04_f _ 201	4_30			

Comment Code

A1: Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

Bait stations are needed in the rodent infested area on the waterside slope and toe.

LM Start	1.50	Rating **	U	Issue No.	30 (cont)
LM End	2.28	Issue Type +	Ма	Location *	WS

Photo 1 of 2: FA_2019_NA0011_145_30_20190912_00025.jpg



Several large rodent holes on waterside slope. (Fall 2018)

Photo 2 of 2: FA_2019_NA0011_145_30_20190912_00026.jpg



View of rodent holes on the waterside slope.

* Location

LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown

** Rating

A : Acceptable N : Not Inspected/Rated M: Minimally Acceptable CR : Corrected U: Unacceptable A/W : Acceptable but Monitor & Maintain

** Rating

A : Not Applicable M: Not Inspected/Rated M: Minimally Acceptable D: C: Corrected Ob: Design & System Obsolescence En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/02/2019 10/02/2019	Corey Fujitani

LM Start	1.60	Rating **	М	Issue No.		24	
LM End	2.15	Issue Type +	Ma	Location *	WS		
Category	evee		GPS Latitude/Longitude				
Calegory	Category				Start		
Item	Vegetatio	n		36.996217°		37.002347	0
item				-120.3447	60°	-120.338538	0
DWR ID	DWR ID DWR_NA0011_04_f _ 2019_24						
Comment Code							
V1 · Contr	ol annual d	race and wee	de on th	بماء ممريما م	200	and	

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

No Photos

LM Start	1.63	Rating **	M	Issue No.		59	
LM End	1.67	Issue Type +	Ma	Location *		CR	
Category	Earthen L		GPS Latitude/Longitude				
Calegory	alegory			Start		End	
Item	Animal Co	ontrol		36.9965	73°	36.997002°	
пеш	-120.344428 ° -120.3439						
DWR ID	ID DWR_NA0011_04_s _ 2012_59						

Comment Code

A1: Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

Exterminate rodents in this area.

LM Star	t 1.80	Rating **	М	Issue No.		29		
LM End	1.80	Issue Type +	Ma	Location *	CR			
Catagor	Category Earthen Levee				GPS Latitude/Longitude			
Calegor	У			Start		End		
Item	Animal Control			36.9984	49°	36.998449	•	
пеш				-120.3425	16°	-120.342516	0	
DWR ID DWR_NA0011_04_f _ 2018_29								
	Comment Code							

A3: No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

No Photos

* Location

LS : Land Side N/A: Not Applicable

WS: Water Side

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/02/2019 10/02/2019	Corey Fujitani

LM Start	2.22	Rating **	М	Issue No.		27	
LM End	2.22	Issue Type +	Ma	Location *		WS	
Category	evee		GPS La	atitud	e/Longitude		
Category				Start		End	
Item	Trim / Thi	n Trees		37.0031	60°	37.003160	
item				-120.3377	47°	-120.337747	
DWR ID	DWR_NA0	011_04_f _ 201	8_27				
		Comn	nent Cod	de			
T1 : Trim t	rees to at I	east five feet	above g	round level	•		
		Inspecto	or Comm	nent			
Trim tree back away from crown and at least 5 feet above the levee slope.							



Trim tree on waterside shoulder. (Fall 2018)

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	0.00	Rating **	М	Issue No.		14
LM End	4.05	Issue Type +	Ма	Location *	LS	
Category	Earthen Levee				atitud	e/Longitude
Calegory	tegory					End
Item	Animal Co	ontrol		36.9785	20°	36.968168°
пеш				-120.3685	67°	-120.301035°
DWR ID	DWR ID DWR_NA0011_05_f _ 2016_14					

Comment Code

A1: Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

Exterminate the rodents along the landside slope and toe throughout the area to levee mile 4.05. Bait stations are needed in infested areas.

Photo 1 of 1: FA_2019_NA0011_146_14_20190912_00006.jpg



Rodent activity on landside slope.

LM Start	0.00	Rating **	М	Issue No.		13
LM End	4.05	Issue Type +	Ma Location *			CR
Category	Earthen L	evee		GPS La	titud	le/Longitude
Calegory				Start		End
ltom	Item Crown Surface / Depressions / Rutting			36.9785	48°	36.968165°
item				-120.3684	54°	-120.301151 °
DWR ID	DWR_NA0	011_05_s _ 201	2_13			

Comment Code

C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation.

Inspector Comment

Regrade the crown for proper drainage. And add appropriate gravel or road base.

Photo 1 of 1: FA_2019_NA0011_146_13_20190912_00005.jpg



Looking downstream at levee crown from 0.00. (Spring 2018)

Photo 1 of 2: FA_2019_NA0011_146_7_20191009_00034.jpg

LM Start	0.01	Rating **	U	Issue No.		7	
LM End	4.06	Issue Type +	Ma	Location *	LS		
Catagory	Earthen L	evee		GPS La	atitud	e/Longitude	
Category				Start		End	
Item	Vegetatio	n		36.9784	38°	36.968155	•
item				-120.3684	05 °	-120.300968	0
DWR ID	DWR NA0	011 05 f 201	9 7				

Comment Code

V1: Control annual grass and weeds on the levee slopes and easements.

Inspector Comment



View of landside slope looking upstream. (Fall 2019)

Location

N/A: Not Applicable LS: Land Side

WS: Water Side

: Acceptable : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated

C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	0.01	Rating **	U	Issue No.	7 (cont)		
LM End	4.06	Issue Type +	Ma	Location *	LS		
Catagony	Earthen Levee			GPS La	atitud	le/Longitude	
Category		Start		End			
Vegetation Item			36.9784	38°	36.968155°		
item				-120.368405 °		-120.300968 °	
DWR ID	DWR_NA0	011_05_f _ 201	9_7				
		Comn	nent Cod	de			
V1 : Control annual grass and weeds on the levee slopes and easements.							
	Inspector Comment						
·							



Looking downstream along the landside slope at LM 4.06. (Fall 2019)

LM Start	0.01	Rating **	U	Issue No.		8	
LM End	4.06	Issue Type +	Ma	Location *	WS		
Category Earthen Levee				GPS Latitude/Longitude			
Category				Start		End	
Vegetation Item			36.9784	38°	36.968155°		
пеш				-120.3684	05°	-120.300968 °	
DWR ID	DWR ID DWR_NA0011_05_f _ 2019_8						
Comment Code							

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

LM Start	0.01	Rating **	U	Issue No.	8 (cont)
LM End	4.06	Issue Type +	Ma	Location *	WS

Photo 1 of 2 : FA_2019_NA0011_146_8_20191009_00032.jpg



Looking downstream along waterside slope. (Fall 2019)

Photo 2 of 2 : FA_2019_NA0011_146_8_20191009_00033.jpg



View of vegetation on waterside slope. (Fall 2019)

* Location

LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown

** Rating

A : Acceptable N : Not Inspected/Rated M: Minimally Acceptable CR : Corrected U: Unacceptable A/W : Acceptable but Monitor & Maintain

** Rating

A : Not Applicable M: Not Inspected/Rated M: Minimally Acceptable D: C: Corrected Ob: Design & System Obsolescence En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	0.04	Rating **	U	Issue No.		42	
LM End	4.06	Issue Type +	Ma	Location *	CR		
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Vegetatio	n		36.9785	11°	36.968173°	
item			-120.367758 °		-120.300901 °		
DWR ID DWR_NA0011_05_s _ 2019_42							
		Comn	nent Cod	de			
V9 : Keep	the crown	roadway free	of veget	ation.			
		Inspecto	or Comn	nent			

A	A STATE OF THE STA
	Name of the last o
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

Photo 1 of 2: FA_2019_NA0011_146_42_20191009_00038.jpg

Looking downstream along levee crown. (Fall 2019)

 LM Start
 0.04
 Rating **
 U
 Issue No.
 42 (cont)

 LM End
 4.06
 Issue Type +
 Ma
 Location *
 CR

Photo 2 of 2: FA_2019_NA0011_146_42_20190912_00019.jpg



View of levee crown looking downstream. (Spring 2019)

Photo 1 of 1: FA_2019_NA0011_146_19_20190912_00008.jpg

2.50	Issue Type +				19		
	issue Type +	Ma	Location *	WS			
Rivers, Ch			GPS La	atitud	e/Longitude		
Designate	d Floodways		Start		End		
Encroachments			36.9679	90°	36.967990°		
		-120.329131 °		-120.329131 °			
DWR ID DWR_NA0011_05_s _ 2012_19							
Comment Code							
	Inspecto	or Comm	nent				
annel.							
	Designate Encroachr	Designated Floodways Encroachments DWR_NA0011_05_s _ 201 Comn	Designated Floodways Encroachments DWR_NA0011_05_s _ 2012_19 Comment Coc Inspector Comm	Designated Floodways Encroachments 36.9679 -120.3291 DWR_NA0011_05_s _ 2012_19	Designated Floodways Encroachments 36.967990 -120.329131 DWR_NA0011_05_s _ 2012_19 Comment Code Inspector Comment		



Looking west at garbage in channel. (Spring 2018)

* Location
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

** Rating
A: Acceptable N: Not Inspected/Rated M: Ma: Maintenance Deficiancy
C: Corrected Ob: Design & System Obsolescence
U: Unacceptable A/W: Acceptable but Monitor & Maintain

** Rating
A: Acceptable M: N: Not Inspected/Rated M: Ma: Maintenance Deficiancy
Ob: Design & System Obsolescence
En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	4.20	Rating **	С	Issue No.		21	
LM End	4.32	Issue Type +	Ma	Location *		LS	
Category Earthen Levee				GPS Latitude/Longitude			
Calegory				Start		End	
Item	Animal Control			36.9681	35 °	36.968202	0
item				-120.2983	55 °	-120.296210	0
DWR ID	DWR_NA0	011_05_s _ 201	2_21				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

No Photos

LM Start	4.46	Rating **	С	Issue No.		23
LM End	5.22	Issue Type + Ma		Location *		WS
Category	Earthen Levee			GPS Latitude/Longitude		
Calegory	negory					End
Item	Animal Co	ontrol		36.9682	30°	36.968247°
item		•		-120.2936	65 °	-120.279957°
DWR ID	DWR_NA0	011_05_s _ 201	2_23			

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

No Photos

LM Start	5.56	Rating **	M	Issue No.		18	
LM End	5.56	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Slope Sta	bility		36.9682	10°	36.968210	•
пеш				-120.2737	29°	-120.273729	0
DWR ID	DWR NA0	011 05 f 201	7 18				

Comment Code

S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.

Inspector Comment

Repair damage from vehicle traffic on slope and shoulder.

Photo 1 of 2 : FA_2019_NA0011_146_18_20191009_00039.jpg



Damage to landside shoulder and slope looking upstream. (Fall 2019)

* Location

LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown

** Rating

A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain

** Rating

A : Acceptable N : Not Inspected/Rated Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	5.56	Rating **	М	Issue No.		18 (cont)
LM End	5.56	Issue Type +	Ma	Location *		LS
Category Earthen Levee			GPS Latitude/Longitude			
Calegory			Start		End	
Item	Slope Sta	bility		36.968210°		36.968210°
пеш				-120.2737	29°	-120.273729°
DWR ID	VR ID DWR_NA0011_05_f _ 2017_18					·
Comment Code						

S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.

Inspector Comment

Repair damage from vehicle traffic on slope and shoulder.

Photo 2 of 2 : FA_2019_NA0011_146_18_20190912_00007.jpg



Repair damage from vehicle traffic on slope and shoulder. (Fall 2017)

LM Start	5.67	Rating **	М	Issue No.		38	
LM End	5.67	Issue Type + Ma		Location *		WS	
Category	Earthen L	Earthen Levee			GPS Latitude/Longitude		
Calegory						End	
Item	Erosion /	Bank Caving		36.9682	04°	36.968204°	
пеш				-120.2717	07°	-120.271707°	
DWR ID	DWR_NA0	011_05_f _ 201	8_38				

Comment Code

E2: Schedule repair of erosion site prior to the next inspection.

Inspector Comment

LM Start	5.67	Rating **	М	Issue No.	38 (cont)
LM End	5.67	Issue Type +	Ma	Location *	WS

Photo 1 of 2: FA_2019_NA0011_146_38_20191009_00040.jpg



Erosion on waterside slope. (Fall 2019)

Photo 2 of 2: FA_2019_NA0011_146_38_20190912_00018.jpg



Finger erosion on waterside slope. (Fall 2018)

* Location
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

** Rating

A: Acceptable N: Not Inspected/Rated M: Minimally Acceptable C: Corrected Ob: Design & System Obsolescence
U: Unacceptable A/W: Acceptable but Monitor & Maintain

** Rating

A: Acceptable N: Not Inspected/Rated M: Maintanance Deficiancy Ob: Design & System Obsolescence
C: Corrected Ob: Design & System Obsolescence
En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	5.90	Rating **	М	Issue No.		17	
LM End	5.90	Issue Type +	Ма	Location *		LS	
Category	Earthen Levee					e/Longitude	
Calegory				Start		End	
Item	Erosion / I	Bank Caving		36.9682	05°	36.968205°	
пеш				-120.2675	62°	-120.267562 °	
DWR ID	DWR ID DWR_NA0011_05_f _ 2019_17						
		Comn	nent Cod	de			
E2 : Sched	dule repair	of erosion site	e prior to	the next in	spe	ction.	
		Inspecto	or Comn	nent			

LM Start	5.90	Rating **	М	Issue No.	17 (cont)
LM End	5.90	Issue Type +	Ma	Location *	LS

Photo 1 of 2: FA_2019_NA0011_146_17_20191009_00041.jpg



View of landside slope erosion looking upstream. (Fall 2019)

Photo 2 of 2: FA_2019_NA0011_146_17_20191009_00042.jpg



View of erosion in landside slope. (Fall 2019)

LM Start	6.09	Rating **	С	Issue No.		31	
LM End	6.09	Issue Type +	Ma	Location *		WS	
Category Earthen Levee				GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Encroachi		36.9681	78°	36.968178°		
пеш				-120.264122 °		-120.264122 °	
DWR ID	DWR_NA0	011_05_f _ 201	5_31				
		Comn	nent Cod	de			
PR : Pruni	ngs						
Inspector Comment							
The prunings here need to be burned or removed from levee WS slope.							

No Photos

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	6.16	Rating **	М	Issue No.		20	
LM End	6.26	Issue Type +	Ma	Location *		WS	
Catagony	Category Earthen Levee			GPS La	atitud	e/Longitude	
Calegory			Start		End		
Item	Vegetatio	n		36.968198°		36.968323°	
item				-120.263013 °		-120.261192°	
DWR ID	DWR ID DWR_NA0011_05_f _ 2019_20						
		Comn	nent Cod	de			
	V1 : Control annual grass and weeds on the levee slopes and easements.						
		Inspecto	or Comm	nent			

No Photos

LM Start	6.30	Rating **	М	Issue No.		46	
LM End	6.30	Issue Type +	Ma	Location *		WS	
Category	Earthen L		GPS Latitude/Longitude				
Calegory				Start		End	
Item	Erosion / Bank Caving			36.9683	99°	36.968399°	
пеш				-120.2604	33°	-120.260433°	
DWR ID	DWR_NA0	011_05_s _ 201	9_46				

Comment Code

E2: Schedule repair of erosion site prior to the next inspection.

Inspector Comment

Rills on waterside slope.

Photo 1 of 1: FA_2019_NA0011_146_46_20190912_00021.jpg



Rills observed on waterside slope. (Spring 2019)

LM Start	6.52	Rating **	A/W	Issue No.		37
LM End	6.52	Issue Type +	Ma	Location *	LS	
Category	Earthen L	GPS Latitude/Longitude				
Calegory				Start		End
Item	Erosion / Bank Caving			36.968575°		36.968575°
item				-120.2564	50°	-120.256450 °
DWR ID	DWR_NA0	011_05_f _ 201	8_37			

Comment Code

E1: Note and monitor erosion site.

Inspector Comment

Photo 1 of 1: FA_2019_NA0011_146_37_20190912_00017.jpg



Rill erosion on landside slope. (Fall 2018)

* Location

LS: Land Side N/A: Not Applicable

WS: Water Side

A : Acceptable M : Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

A/W : Acceptable but Monitor & Maintain En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	6.57	Rating **	U	Issue No.		29
LM End	6.57	Issue Type +	Ма	Location *		LS
Category	Earthen Levee			GPS Latitude/Longitude		
Calegory			Start		End	
Item	Trim / Thin Trees			36.968477°		36.968477°
item				-120.255557°		-120.255557°
DWR ID	DWR_NA0	011_05_f _ 2019	9_29			

Comment Code

T2: Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

Tree should be trimmed above the levee crown and 5 feet above the slope.

Photo 1 of 1: FA_2019_NA0011_146_29_20191009_00043.jpg



View of tree growing on landside slope looking upstream. (Fall 2019)

LM Start	6.58	Rating **	М	Issue No.		27	
LM End	9.07	Issue Type +	Ма	Location *		WS	
Category	Earthen Levee			GPS Latitude/Longitude			
Calegory			Start		End		
Item	Animal Co	ontrol		36.9685	25 °	36.973197°	
item			-120.2553	87°	-120.212085 °		
DWR ID	DWR_NA0	011_05_f _ 2016	6_27				

Comment Code

A1: Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

Exterminate the rodents in the area listed and place bait stations.

No Photos

LM Start	6.58	Rating **	U	Issue No.		33	
LM End	7.70	Issue Type +	Ma	Location *		WS	
Category	Earthen L	GPS Latitude/Longitude					
Calegory				Start		End	
Vegetation ltem			36.9684	93°	36.969800	0	
item				-120.2553	22°	-120.235388	0
DWR ID	DWR_NA0	011_05_f _ 201	9_33				

Comment Code

V1: Control annual grass and weeds on the levee slopes and easements.

Inspector Comment



View of waterside slope looking upstream. (Fall 2019)

Location

N/A: Not Applicable LS: Land Side

WS: Water Side

: Acceptable : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated

C : Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	6.59	Rating **	U	Issue No.		34		
LM End	7.32	Issue Type +	Ма	Location *	LS			
Category	Earthen Levee			GPS Latitude/Longitude				
Calegory				Start		End		
Item	Vegetation			36.968505°		36.969523°		
item				-120.255212 °		-120.242212 °		
DWR ID DWR_NA0011_05_f _ 2019_34								
	Comment Code							

V1: Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1: FA_2019_NA0011_146_34_20191009_00045.jpg



View of vegetation along the landside slope looking upstream. (Fall 2019)

LM Start	6.63	Rating **	M	Issue No.		22	
LM End	7.56	Issue Type +	Ma	Location *		CR	
Category	Earthen L	GPS Latitude/Longitude					
Calegory		Start		End			
Crown Surface / Depressions /			ssions /	36.968568°		36.969552	0
Rutting				-120.254542 °		-120.237855	0
DWR ID	DWR_NA0	011_05_s _ 201	7_22				

Comment Code

C2: Repair depressions or ruts in the crown or slope.

Inspector Comment

Repair rutting and add appropriate gravel.

No Photos

LM Start	6.75	Rating **	М	Issue No.		28	
LM End	6.95	Issue Type +	Ma	Location *		LS	
Category Earthen Levee				GPS Latitude/Longitude			
Calegory				Start		End	
Animal Co		ontrol		36.9692	00°	36.969507	0
пеш				-120.2524	62°	-120.248893	0
DWR ID	DWR NA0	011 05 f 201	6 28				

Comment Code

A1: Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

Exterminate the rodents in the area listed and place bait stations along the shoulder and/or slope.

Photo 1 of 1: FA_2019_NA0011_146_28_20190912_00013.jpg



Fresno River landside levee slope levee mile 6.75-6.95.

* Location

N/A: Not Applicable

LS: Land Side WS: Water Side

: Acceptable : Minimally Acceptable U : Unacceptable

C : Corrected

N : Not Inspected/Rated

A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	6.98	Rating **	С	Issue No.	49		
LM End	7.52	Issue Type +	Ma	Location *	CR		
Category Earthen Levee				GPS Latitude/Longitude			
Calegory				Start		CR	
Vegetation			36.96953	31 °	36.969546°		
пеш				-120.24836	61 °	-120.238528 °	
DWR ID	DWR_NA0	011_05_s _ 201	9_49				
		Comn	nent Coc	le			
V9 : Keep	the crown	roadway free	of veget	ation.			
	Inspector Comment						

No Photos

LM Start	7.21	Rating **	М	Issue No.		32		
LM End	7.21	Issue Type +	Ma	Location *	LS			
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Category				Start				
Item	Animal Co	ontrol		36.9695	39°	36.969539°		
пеш				-120.2441	42 °	-120.244142 °		
DWR ID DWR_NA0011_05_f _ 2018_32								
	Comment Code							

No Photos

A3: No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

	LM Start	7.32	Rating **	М	Issue No.		36	
	LM End	7.52	Issue Type +	Ma	Location *		LS	
	Category	Earthen L	evee		GPS Latitude/Longitude			
	Calegory				Start End			
	Vegetation			36.969525°		36.969567	0	
	пеш				-120.2422	03°	-120.238567	0
	DWR ID DWR_NA0011_05_f _ 2019_36							
Comment Code								
	V1 : Contro	/1: Control annual grass and weeds on the levee slopes and						

No Photos

Inspector Comment

* Location LS : Land Side WS: Water Side

easements.

N/A: Not Applicable

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	7.66	Rating **	U	Issue No.	24		
LM End	7.66	Issue Type +	Ма	Location *	LS		
Category	Earthen L	evee		GPS La	titud	e/Longitude	
Calegory				Start End			
Item	Animal Co	ontrol		36.969606 ° 36			
item				-120.23609	-120.236091 °		
DWR ID DWR_NA0011_05_f _ 2018_24							
	Comment Code						
12 . No ro	12 . No redente visible, but redent burrous visible, need to be obtill and						

A3: No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Rodent burrows and associated erosion due to rodent activity.



Rodent activity on landside slope. (Fall 2018)

LM Start	7.71	Rating **	M	Issue No.	40		
LM End	8.57	Issue Type +	Ma	Location *	WS		
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Calegory				Start		WS tude/Longitude End 36.972327 °	
Item	Vegetatio	n		36.9698	93°	36.972327°	
item				-120.2351	78°	-120.220862 °	
DWR ID	DWR_NA0	011_05_f _ 201	9_40			·	

Comment Code

V1: Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

LM Start	7.92	Rating **	М	Issue No.	16		
LM End	7.92	Issue Type +	Ma	Location *		CR	
Category	Earthen L	GPS Latitude/Longitude					
				Start		End	
Item		rface / Depres	ssions /	36.9716	37°	36.971637	0
item	Rutting			-120.232120 °		-120.232120	0
DWR ID	DWR_NA0	011_05_f _ 201	8_16				
Comment Code							

C2: Repair depressions or ruts in the crown or slope.

Inspector Comment

No Photos

* Location

LS: Land Side

WS: Water Side

N/A: Not Applicable

A : Acceptable M : Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated

C : Corrected A/W : Acceptable but Monitor & Maintain

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	7.99	Rating **	U	Issue No.		12	
LM End	8.01	Issue Type +	Ма	Location *	LS		
Category	Earthen L	evee		GPS Latitude/Longitude			
Calegory				Start			
Item	Animal Co	ontrol		36.972121 ° 36.972			
пеш				-120.230994° -120.23077			
DWR ID	DWR_NA0	011_05_f _ 201	8_12				
Comment Code							
A3 : No roo	A3 : No rodents visible, but rodent burrows visible; need to backfill and						

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Large rodent burrow observed in this section.

Photo 1 of 1: FA_2019_NA0011_146_12_20190912_00004.jpg



Rodent activity on landside slope. (Fall 2018)

LM Start	8.40 Rating ** U		Issue No.		51			
LM End	8.40	Issue Type +	Ма	Location *		LS		
Category	Earthen Levee			GPS Latitude/Longitude				
Calegory				Start		End		
Item	Animal Co	ontrol		36.9729	53°	36.972953°		
item				-120.2238	39 ° -120.223839 °			
DWR ID	DWR_NA0011_05_s _ 2019_51							

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

LM Start	8.40	Rating **	U	Issue No.	51 (cont)
LM End	8.40	Issue Type +	Ма	Location *	LS

Photo 1 of 2: FA_2019_NA0011_146_51_20191009_00046.jpg



Several rodent holes observed at this location. (Fall 2019)

Photo 2 of 2 : FA_2019_NA0011_146_51_20191009_00047.jpg



View of rodent burrow in landside slope. (Fall 2019)

* Location
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

** Rating

A: Acceptable N: Not Inspected/Rated M: Minimally Acceptable C: Corrected Ob: Design & System Obsolescence
U: Unacceptable A/W: Acceptable but Monitor & Maintain

** Rating

A: Acceptable N: Not Inspected/Rated M: Maintanance Deficiancy Ob: Design & System Obsolescence
C: Corrected Ob: Design & System Obsolescence
En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	8.57	Rating **	U	Issue No.		10	
LM End	8.57	Issue Type +	Ma	Location *	WS		
Category Earthen Levee			GPS Latitude/Longitude				
Calegory				Start		End	
Item	Vegetatio	n	36.972355°		36.972355°		
пеш				-120.2208	78°	-120.220878°	
DWR ID	DWR_NA0	011_05_f _ 201	8_10				
		Comn	nent Cod	de			
V2 : Remove the wild growth other than native grasses from the levee slopes.					m the levee		
Inspector Comment							
Cactus gro	Cactus growing on waterside slope.						

 LM Start
 8.57
 Rating **
 U
 Issue No.
 10 (cont)

 LM End
 8.57
 Issue Type +
 Ma
 Location *
 WS



Cactus growing on waterside shoulder. (Spring 2019)

Photo 2 of 2: FA_2019_NA0011_146_10_20190912_00002.jpg



Cactus on waterside slope. (Fall 2018)

LM Start	8.77	Rating **	М	Issue No.		41	_
LM End	8.88	Issue Type +	Ма	Location *	WS		
Catagony	Category Earthen Levee			GPS Latitude/Longitude			
Calegory	alegory					End	
Item	Vegetation			36.9722	28°	36.972653	•
пеш			-120.217422 °			-120.215403	0
DWR ID	DWR_NA0	011_05_f _ 201	9_41				
		Comn	nent Cod	de			
V1 : Contro easements		grass and wee	ds on th	e levee slo	pes	and	
		Inspecto	or Comm	nent			

No Photos

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	0.00	Rating **	U	Issue No.		56
LM End	2.48	Issue Type +	Ma	Location *		LS
Category	Earthen Levee			GPS La	atitud	e/Longitude
Calegory	Category					End
Item	Vegetation			36.9769	41°	36.967252°
пеш				-120.3674	90°	-120.328265 °
DWR ID DWR_NA0011_06_f _ 2019_56						
		Comn	nent Cod	de		
V1 : Contreasements	•	grass and wee	eds on th	e levee slop	pes a	and
		Inspecto	or Comm	nent		

Photo 1 of 1: FA_2019_NA0011_147_56_20191009_00047.jpg



View of landside slope looking downstream. (Fall 2019)

LM Start	0.00	Rating **	U	Issue No.		46
LM End	3.47	Issue Type +	Ma	Location *		WS
Category Earthen Levee			GPS Latitude/Longitude			
Calegory	ТУ			Start		End
Item	Vegetatio	n		36.9769	41 °	36.967393°
пеш				-120.36749	90°	-120.310278°
DWR ID DWR_NA0011_06_f _ 2019_46						
	Comment Code					

V1: Control annual grass and weeds on the levee slopes and easements.

Inspector Comment





Vegetation along the waterside slope looking downstream. (Fall 2019)

LM Start	0.00	Rating **	U	Issue No.		54	
LM End	3.47	Issue Type +	Ма	Location *	CR		
Category	Catagoria Earthen Levee			GPS Latitude/Longitude			
Calegory				Start		End	
Item	Vegetatio	n		36.97694	ı °	36.967393°	
пеш			-120.367490)°	-120.310278°		
DWR ID DWR_NA0011_06_f _ 2019_54							
		Cama	ant Car	ام			

V9: Keep the crown roadway free of vegetation.

Inspector Comment



View of vegetation along the levee crown looking downstream. (Fall 2019)

Location N/A: Not Applicable LS: Land Side WS: Water Side

: Acceptable : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated

C : Corrected A/W : Acceptable but Monitor & Maintain Ma: Maintenance Deficiancy Ob : Design & System Obsolescence

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	0.01	Rating **	М	Issue No.		19
LM End	3.49	Issue Type +	Ма	Location *		LS
Category Earthen Levee			GPS Latitude/Longitude			
Category				Start	End	
Item	Animal Co	ontrol		36.9769	37°	36.967393°
пеш				-120.3673	08°	-120.310025 °
DWR ID DWR_NA0011_06_f _ 2016_19						
	Comment Code					

A1: Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

Exterminate rodents and backfill burrows.

Photo 1 of 1: FA_2019_NA0011_147_20_20190912_00005.jpg

No Photos



Looking downstream at the old erosion site landside slope.

LM Start	0.44	Rating **	U	Issue No.		20
LM End	0.44	Issue Type +	Ma	Location *		LS
Category	Earthen L	evee		GPS La	atitud	le/Longitude
Calegory				Start		End
Item	Erosion /	Bank Caving		36.9750	30°	36.975014°
iteiii					82°	-120.360401 °
DWR ID	DWR_NA0	011_06_f _ 201	2_20			

Comment Code

E2: Schedule repair of erosion site prior to the next inspection.

Inspector Comment

This erosion should be taken care of before it gets worse.

LM Start	1.14	Rating **	М	Issue No.		41
LM End	1.19	Issue Type +	Ma	Location *		LS
Category Earthen Levee			GPS Latitude/Longitude			
Calegory	alegory			Start		End
Item	Slope Sta	bility		36.9673	87°	36.967207
пеш				-120.3523	32 °	-120.351590
DWR ID DWR_NA0011_06_s _ 2013_41						
Comment Code						

S1: Repair slope instability.

Inspector Comment

Repair the slope damaged by farm equipment.

No Photos

*Location
LS: Land Side N/A: Not Applicable
WS: Water Side
CR: Crown

** Rating
A: Acceptable N: Not Inspected/Rated
M: Minimally Acceptable
C: Corrected
M: Minimally Acceptable
U: Unacceptable
AW: Acceptable but Monitor & Maintain

** Rating
A: Issue Type
Ma: Maintenance Deficiancy
Ob: Design & System Obsolescence
En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	1.15	Rating **	М	Issue No.		18
LM End	3.49	Issue Type +	Ma	Location *		WS
Category	Earthen Levee			GPS Latitude/Longitude		
Calegory				Start		End
Item	Animal Co	Animal Control			60°	36.967393°
пеш				-120.3522	43°	-120.310025 °
DWR ID	DWR_NA0	011_06_f _ 201	7_18			
Comment Code						
A1 : Exterminate rodents and backfill and compact or grout burrows.						

Inspector Comment

LM Start	1.15	Rating **	U	Issue No.		17	
LM End	1.15	Issue Type +	Ма	Location *		WS	
Category Earthen Levee				GPS Latitude/Longitude			
Category			Start		End		
Item	Slope Stability			36.9673	34°	36.967334°	
item			-120.3521	54°	-120.352154°		
DWR ID	DWR_NA0011_06_f _ 2017_17						

Comment Code S1: Repair slope instability.

Inspector Comment

Observed slump possibly exacerbated by rodent activity. 20' long x 8' high x 18" deep into levee slope.

LM Start	1.15	Rating **	U	Issue No.	17 (cont)
LM End	1.15	Issue Type +	Ma	Location *	WS

No Photos





Observed slump possibly exacerbated by rodent activity. 20' long x 8' high x 18" deep into levee slope.

Photo 2 of 2: FA_2019_NA0011_147_17_20190912_00004.jpg



Observed slump possibly exacerbated by rodent activity. 20' long x 8' high x 18" deep into levee slope.

* Location LS: Land Side N/A: Not Applicable WS: Water Side

: Acceptable : Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	1.27	Rating **	М	Issue No.	14	
LM End	6.56	Issue Type +	Ма	Location *	CR	
Category Earthen Levee			GPS Latitude/Longitude			
			Start		End	
Item	Crown Surface / Depressions /			36.967177°		36.967992°
пеш	Rutting			-120.3501	67°	-120.254517°
DWR ID	DWR_NA0011_06_s _ 2017_14					
Comment Code						

C2: Repair depressions or ruts in the crown or slope.

Inspector Comment

Repair the crown roadway of ruts and depressions regrade where needed

No Photos

3.47 Rating ** Issue No. М 45 LM Start Issue Type + Location * WS LM End 3.98 Earthen Levee GPS Latitude/Longitude Category Start End Vegetation 36.967393° 36.967473° Item -120.310278° -120.301192° DWR_NA0011_06_f _ 2019_45 DWR ID

Comment Code

V1: Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

	LM Start	3.49	Rating **	U	Issue No.		27		
	LM End	3.49	Issue Type +	Ma	Location *		LS		
	Category Earthen Levee				GPS Latitude/Longitude				
	Calegory				Start		End		
	Item	Slope Sta	bility		36.9673	93°	36.967393	•	
Item			-120.3100	25°	-120.310025	0			
	DWR ID	DWR NAO	011 06 f 201	7 27					

Comment Code

S3: Repair the levee slope damaged by vehicle traffic and prevent access where possible.

Inspector Comment

Repair damage at toe due to ag equipment activity between power pole and levee.



Ag activity has cut into landside toe. Activity should be stopped and levee slope repaired.

Location

N/A: Not Applicable LS: Land Side

WS: Water Side Monday, December 23, 2019 15:38

A: Acceptable Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated

C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma: Maintenance Deficiancy Ob : Design & System Obsolescence

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	3.99	Rating **	М	Issue No.	34		
LM End	3.99	Issue Type +	Ma	Location *		LS	
Category Earthen Levee			GPS Latitude/Longitude				
Calegory		Start		End			
Item	Slope Stability		36.9674	57°	36.967457	0	
пеш				-120.30103	31 °	-120.301031	0
DWR ID DWR_NA0011_06_f _ 2017_34							
Comment Code							
C2 - Daneir the leves slane demaged by vehicle treffic and provent							

S3: Repair the levee slope damaged by vehicle traffic and prevent access where possible.

Inspector Comment

No Photos

Rating ** Issue No. М LM Start 4.43 40 4.96 Issue Type + Location * WS LM End Ma Earthen Levee GPS Latitude/Longitude Category Start End Vegetation 36.967518° 36.967542° Item -120.292980° -120.283403 ° DWR_NA0011_06_f _ 2019_40 DWR ID

Comment Code

V1: Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

Rating ** Issue No. LM Start 4.56 65 4.56 Issue Type + Ma Location * LS LM End Earthen Levee GPS Latitude/Longitude Category Start End **Animal Control** 36.967501° 36.967501° Item -120.290581° -120.290581 ° DWR ID DWR_NA0011_06_f _ 2018_65 Comment Code

A3: No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

No Photos

* Location

N/A: Not Applicable LS: Land Side

WS: Water Side

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated

C : Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

NA0011

Flood Control Project Maintenance Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	4.74	Rating **	М	Issue No.	78		
LM End	4.74	Issue Type +	Ма	Location *	LS		
Category Earthen Levee			GPS Latitude/Longitude				
Calegory	egory			Start		End	
ltom	Animal Co	ontrol		36.96750	08°	36.967508	0
пеш	Item			-120.2874	46 °	-120.287446	0
DWR ID DWR_NA0011_06_s _ 2019_78							
Comment Code							

A3: No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

No Photos

Rating ** Issue No. М LM Start 5.18 63 Issue Type + Location * LS LM End 5.18 Ma Earthen Levee GPS Latitude/Longitude Category Start End **Animal Control** 36.967512° 36.967512° Item -120.279874° -120.279874° DWR_NA0011_06_f _ 2018_63 DWR ID

Comment Code

A3: No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

No Photos

Rating ** Issue No. LM Start 5.40 35 5.96 Issue Type + Ma Location * WS LM End Earthen Levee GPS Latitude/Longitude Category Start End Vegetation 36.967543° 36.967493° Item -120.275553 ° -120.265263° DWR ID DWR_NA0011_06_f _ 2019_35

Comment Code

V1: Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

* Location

N/A: Not Applicable LS: Land Side

WS: Water Side

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated

C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

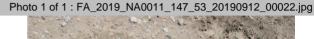
Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	5.44	Rating **	U	Issue No.	53		_
LM End	5.44	Issue Type +	Ма	Location *	LS		
Category Earthen Levee			GPS Latitude/Longitude				
Category				Start		End	
Item	Animal Control			36.9675	14°	36.967514	٥
пеш				-120.2748	10°	-120.274810	٥
DWR ID DWR_NA0011_06_s _ 2018_53							
Comment Code							

A3: No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Control rodents within this section.





Looking at typical rodent hole on landward slope. (Spring 2018)

LM Start	5.46	Rating **	М	Issue No.	28		
LM End	5.96	Issue Type +	Ma	Location *	CR		
Category Earthen Levee				GPS Latitude/Longitude			
Calegory			Start		End		
Item	Vegetatio	n		36.967537°		36.967493°	
пеш			-120.2743	67°	-120.265263°		
DWR ID DWR_NA0011_06_f _ 2019_28							
		0		1.			

Comment Code

V9: Keep the crown roadway free of vegetation.

Inspector Comment

No Photos

LM Start	5.49	Rating **	М	Issue No.		30	
LM End	5.96	Issue Type +	Ma	Location *	LS		
Category	Earthen L	GPS Latitude/Longitude					
Calegory				Start		End	
Item	Vegetation			36.9675	08°	36.967493	0
пеш				-120.2739	17°	-120.265263	٥
DWR ID	DWR_NA0011_06_f _ 2019_30						
Comment Code							

V1: Control annual grass and weeds on the levee slopes and

easements.

Inspector Comment

No Photos

* Location

LS: Land Side N/A: Not Applicable

WS: Water Side

A : Acceptable M : Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	6.03	Rating **	М	Issue No.	60		
LM End	6.07	Issue Type +	Ма	Location *	LS		
Category Earthen Levee			GPS Latitude/Longitude				
				Start		End	
Item	Animal Co	Animal Control			84°	36.967482 °	
пеш				-120.2641	54°	-120.263363 °	
DWR ID	DWR_NA0	8_60					
Comment Code							

A3: No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

No Photos

LM Start	6.24	Rating **	М	Issue No.	26			
LM End	7.90	Issue Type +	Ma	Location *	WS			
Catagory	Earthen L		GPS Latitude/Longitude					
Category			Start		End			
Itom	Vegetation			36.96763	5°	36.971235°		
Item				-120.26027	8°	-120.231275°		
DWR ID	DWR_NA0	011_06_f _ 201	9_26					
	Comment Code							

Comment Code

V1: Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

LM Start	6.29	Rating **	M	Issue No.		58
LM End	6.29	Issue Type +	Ma	Location *		LS
Category	evee	GPS Latitude/Longitude				
Calegory			Start		End	
Erosion / Bank Caving			36.9677	50°	36.967750°	
пеш			-120.259385 °		-120.259385 °	
DWR ID	DWR_NA0	011_06_f _ 201	8_58			·

Comment Code E2: Schedule repair of erosion site prior to the next inspection.

Inspector Comment



Minor erosion on landside slope. (Fall 2018)

* Location

LS: Land Side N/A: Not Applicable

WS: Water Side

A : Acceptable M : Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated

C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	6.74	Rating **	М	Issue No.		42
LM End	6.74	Issue Type +	Ма	Location *		WS
Catagoni	Earthen Levee			GPS La	atitud	e/Longitude
Category				Start		End
ltom	Item			36.9687	10°	36.968710°
item				-120.2514	39°	-120.251439°
DWR ID	DWR_NA0011_06_f _ 2017_42					
		Comn	nent Coc	de		
PR : Pruni	ngs					
		Inspecto	or Comm	nent		
Remove co	ollected wo	ood debris fro	m waters	side shoulde	er.	

No Photos

Issue No. Rating ** 7.07 Μ LM Start 43 7.07 Issue Type + Ма Location * WS LM End Earthen Levee GPS Latitude/Longitude Category Start End Encroachments 36.968801° 36.968801 ° Item -120.245557 -120.245557° DWR_NA0011_06_f _ 2017_43 DWR ID Comment Code

No Photos

PR: Prunings

Inspector Comment

Remove collected wood debris from waterside shoulder.

LM Start	7.42	Rating **	M	Issue No.		44		
LM End	7.42	Issue Type +	Ma	Location *		WS		
Category	Earthen L	evee		GPS Latitude/Longitude				
Calegory			Start		End			
Item	Encroachments			36.96885	51 °	36.968851 °		
Item				-120.23923	36°	-120.239236 °		
DWR ID	DWR_NA0	011_06_f _ 201	7_44					
	Comment Code							
DD · Druni	nac							

No Photos

PR: Prunings

Inspector Comment

Remove collected wood debris from waterside shoulder.

* Location LS: Land Side WS: Water Side

N/A: Not Applicable

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	7.61	Rating **	М	Issue No.		59	
LM End	7.61	Issue Type +	Ma	Location *	LS		
Category Earthen Levee			GPS Latitude/Longitude				
Category				Start		End	
Item	Slope Stability			36.9689	65 °	36.968965°	
пеш			-120.2357	34°	-120.235734°		
DWR ID	DWR_NA0	011_06_s _ 201	9_59				
		Comn	nent Cod	de			
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.							
		Inspect	or Comm	ent			

Photo 1 of 1: FA_2019_NA0011_147_59_20190912_00025.jpg



View of vehicle tracks on landside slope. (Spring 2019)

LM Start	7.63	Rating **	М	Issue No.		16
LM End	7.98	Issue Type +	Ма	Location *		LS
Category Earthen Levee			GPS Latitude/Longitude			
Calegory			Start		End	
Vegetation			36.9690	33°	36.971620°	
пеш				-120.2354	43 °	-120.230065 °
DWR ID	DWR_NA0	011_06_f _ 201	9_16			

Comment Code

V1: Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

LM Start	7.71	Rating **	М	Issue No.		47	
LM End	8.52	Issue Type +	Ma	Location *		LS	
Category	Earthen L	GPS Latitude/Longitude					
				Start		End	
Item	Animal Co	ontrol		36.9696	00°	36.971509	0
				-120.2342	29°	-120.220438	0
DWR ID	DWR NAO	011 06 f 201	7 47				

Comment Code

A3: No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment



Bait traps should be maintained and rodent holes should be backfilled.

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* Location

LS: Land Side N/A: Not Applicable

WS: Water Side

A : Acceptable M : Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated

C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma: Maintenance Deficiancy Ob : Design & System Obsolescence

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	7.71	Rating **	М	Issue No.	48			
LM End	9.02	Issue Type +	Ма	Location *	WS			
Category Earthen Levee				GPS Latitude/Longitude				
Calegory			Start		End			
Item	Animal Control			36.96960	o°	36.972656°		
пеш				-120.23422	9°	-120.211787°		
DWR ID DWR_NA0011_06_f _ 2017_48								
	Comment Code							

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

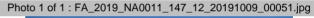
No Photos

LM Start	7.91	Rating **	U	Issue No.		12	
LM End	8.51	Issue Type +	Ма	Location *		WS	
Category	evee	GPS Latitude/Longitude					
Calegory				Start		End	
ltem Vegetation				36.9712	35 °	36.971575	0
				-120.2312	33°	-120.220632	0
DWR ID	DWR_NA0011_06_f _ 2019_12						

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment





Vegetation on waterside slope looking downstream. (Fall 2019)

LM Start	7.91	Rating **	М	Issue No.		23
LM End	7.91	Issue Type +	Ma	Location *	LS	
Catagory	evee	GPS Latitude/Longitude				
Category				Start		End
Item	Slope Stability				93°	36.971293°
пеш		-120.2311	80°	-120.231180°		
DWR ID	R ID DWR_NA0011_06_f _ 2019_23					

Comment Code

S3: Repair the levee slope damaged by vehicle traffic and prevent access where possible.

Inspector Comment



Damage to landside slope from vehicle traffic. (Fall 2019)

* Location

LS : Land Side N/A : Not Applicable

LS : Land Side N/A : Not Ap WS : Water Side ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type Ma : Mainter

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	7.96	Rating **	М	Issue No.		32
LM End	7.96	Issue Type +	Ma	Location *		WS
Category	evee	GPS Latitude/Longitude				
Calegory				Start		End
ltem Encroachments				36.9715	43°	36.971543°
				-120.230285 °		-120.230285 °
DWR ID	DWR_NA0	011_06_s _ 201	7_32			·
		Comn	nent Cod	de		
PR : Prunii	ngs					
		Inspecto	or Comm	nent		
Remove the brush pile from the levee slope. This pile is providing habitat for rodents.						

Photo 1 of 1: FA_2019_NA0011_147_32_20190912_00010.jpg

Fresno River waterside levee mile 7.96.

LM Start	7.98	Rating **	М	Issue No.		33	
LM End	7.98	Issue Type +	Ma	Location *		WS	
Category	evee	GPS Latitude/Longitude					
Calegory			Start		End		
Encroachments Item				36.9715	75°	36.971575°	
ILEIII			-120.230065 °		-120.230065 °		
DWR ID	DWR_NA0011_06_s _ 2017_33						

Comment Code

PR: Prunings

Inspector Comment

Burn or remove the brush pile from the waterside slope.

No Photos

LM Start	8.00	Rating **	М	Issue No.		15			
LM End	8.40	Issue Type +	Ma	Location *	CR				
Catagory	Category Earthen Levee				GPS Latitude/Longitude				
Category				Start	End				
Itom	ltem Vegetation				73°	36.972195°			
пеш					00°	-120.222448°			
DWR ID DWR_NA0011_06_f _ 2019_15									
	Comment Code								

V9: Keep the crown roadway free of vegetation.

Inspector Comment



Vegetation growing along levee crown. (Fall 2019)

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* Location

LS: Land Side WS: Water Side

N/A: Not Applicable

U : Unacceptable

A : Acceptable M : Minimally Acceptable

N: Not Inspected/Rated

C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	8.03	Rating **	М	Issue No.	36			
LM End	8.03	Issue Type +	Ма	Location *	WS			
Category	evee		GPS Latitude/Longitude					
Calegory	Category				Start			
Item	Encroach	ments		36.9715	82 °	36.971582	0	
item				-120.2291	80°	-120.229180	0	
DWR ID DWR_NA0011_06_f _ 2015_36								
	Comment Code							

TR: Tree or limb

Inspector Comment

The dead tree has been removed from blocking the roadway but still needs to be removed from the levee section.

LM Start	8.03	Rating **	М	Issue No.	36 (cont)
LM End	8.03	Issue Type +	Ma	Location *	WS

Photo 1 of 2: FA_2019_NA0011_147_36_20190912_00011.jpg



Dead tree pushed upon the waterside slope and blocking the crown.

Photo 2 of 2: FA_2019_NA0011_147_36_20190912_00012.jpg



Fresno River levee mile 8.03 waterside slope and shoulder.

LM Start	8.09	Rating **	U	Issue No.	31		
LM End	8.09	Issue Type +	Ma	Location *		WS	
Category Earthen Levee				GPS La	atitud	e/Longitude	
Calegory				Start		End	
ltem Encroachments			36.9716	92°	36.971692		
item		-120.227957 °		-120.227957			
DWR ID	DWR_NA0	011_06_f _ 201	5_31				
		Comn	nent Cod	de			
TR : Tree	or limb						
Inspector Comment							
Remove th	ne dead tre	e off the slope	e and sh	oulder.			

Photo 1 of 1: FA_2019_NA0011_147_31_20190912_00009.jpg



Fresno River levee mile 8.09.

* Location Ma : Maintenance Deficiancy N/A: Not Applicable LS: Land Side : Acceptable : Minimally Acceptable N : Not Inspected/Rated WS: Water Side C : Corrected Ob : Design & System Obsolescence U : Unacceptable A/W : Acceptable but Monitor & Maintain En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	8.99	Rating **	U	Issue No.		51	
LM End	8.99	Issue Type +	Ма	Location *		LS	
Catagonia Earthen Levee		GPS Latitude/Longitude					
Category				Start		End	
Animal Control		36.9725	26 °	36.972526°			
item				-120.2122	26 °	-120.212226°	
DWR ID DWR_NA0011_06_s _ 2018_51							

Comment Code

A3: No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Large rodent hole on landward slope.

Photo 1 of 1: FA_2019_NA0011_147_51_20190912_00019.jpg



Looking at typical rodent holes on landward slope. (Spring 2018)

LM Start	8.99	Rating **	U	Issue No.		22	
LM End	8.99	Issue Type +	Ма	Location *		LS	
Category Earthen Levee		GPS Latitude/Longitude					
Calegory				Start		End	
Item Erosion / Bank Caving		36.9725	27°	36.972527°			
item				-120.2122	25°	-120.212225°	
DWR ID	DWR_NA0	011_06_s _ 201	8_22				

Comment Code

E2: Schedule repair of erosion site prior to the next inspection.

Inspector Comment

Large finger erosion located on the landward slope.

Photo 1 of 1: FA_2019_NA0011_147_22_20190912_00006.jpg



Looking at finger erosion on landward slope. (Spring 2018)

N : Not Inspected/Rated C : Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence